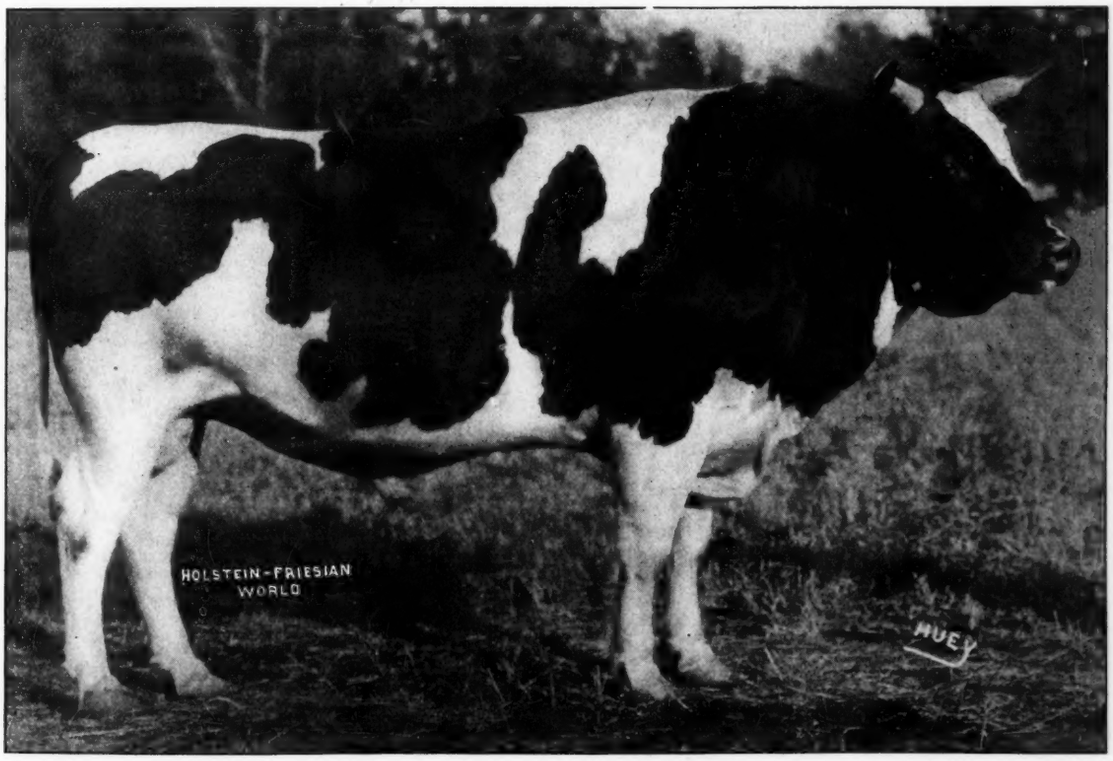
HOLSTEIN-FRIESIAN WORLD

WESTERN EDITION

VOL. III. MADISON, WISCONSIN, JANUARY 24, 1914. NO. 2.



PRINCE BEAUTY PIETERTJE HARTOG 3d.

Owned by Reed and Platt, Hopkinton, Iowa. Weight 2460 lbs. Son of De Kol Queen LaPolka 2d who won 4 world's records in May 1910 and still holds the world's combined milk and butter records for 30 and also for 7 days. See picture and article inside.

Admiral Walker Pietertje

is again proven to be one of the best and most prepotent sires of the breed. There are only three families of three generations each of 30 lb. cows in the world, and **Admiral Walker Pietertje** is sire of a 31.81 cow and grandsire of a 31.63 cow in one family, and is brother to a 30 lb. cow in another family.

Admiral Walker Pietertje's value does not rest on one or two records, but is founded on a succession of achievements which insures a lasting reputation for him. He has sired three world's record heifers, and has three daughters with records greater than thirty pounds of butter in seven days. The records of his granddaughters through both his sons and daughters indicate this to be one of the greatest transmitting families of the breed. **Admiral Walker Pietertje** now has three 31 lb. granddaughters and two world's record granddaughters.

We are getting out a new chart giving a few facts about this great sire, and it will be of interest to everyone who is thinking of purchasing a young bull.

We have several bulls of this breeding now ready for serivce. Write us your needs, and we will send charts and prices. Some finely bred bull calves for sale also.

Bonalevo Farms

R. E. CHAPIN & SON Box C Batavia, N. Y.

Hamilton Stock Farms

The home of the greatest transmitting families of the breed.

There are 3 families having 3 generations of 30 lb. cows and two of them were bred, raised and developed at the Hamilton Stock Farms.

A large record is only valuable in so far as the cow making it is able to transmit her good qualities to her off-spring.

The animals carrying the blood of **Lillian Walker, Prilly** and **Clothilde Goudgeld Hugo** have demonstrated their power of transmission to be the greatest of any families of the breed.

Buttercup Clothilde Pietertje, a daughter of **Clothilde Goudgeld Hugo,** bred to a grandson of **Lillian Walker,** that daughter then bred to a grandson of **Prilly,** produced the only family of three generations that have each made over 31½ lbs. of butter each in 7 days and also the only one that average 126.68 lbs. for 30 days.

The combining the blood of **Lillian Walker** and **Prilly** has also produced one of the three families that have 3 generations of 30 lb. cows and the only family having 5 generations with records that average 28.75 lbs.

A daughter of the dam of **Clothilde Goudgeld Hugo,** sired by a son of **Lillian Walker,** has produced one of two cows of the breed that have made over 30 lbs. three different years and the only cow that has made over 120 lbs. in 30 days., three years.

CONSIDER THESE FACTS WHEN YOU BUY A BULL TO IMPROVE YOUR HERD.

A. A. Hartshorn Holstein Co.

Hamilton, New York

SPRING FARM HERD

THE HOME OF THE $15000 BULL SPRING FARM PONTIAC CORNCOPIA No. 77172 AND HIS FULL BROTHER

King Korndyke Pontiac Lass No. 115585 and also King Pontiac Konigen No. 75348 a son of King of the Pontiacs and from the great cow Diona Konigen Pietertje with an A. R. O. record of 37.44 lbs. of butter in 7 days from 661.6 lbs. of milk. 154.16 lbs. of butter in 30 days from 2652.10 lbs. of milk. Percent fat 4.6 103.2 lbs. of milk in one day. This is the 4th largest 30 day record in the World.

He has a full sister K. P. Diona Pietertje 20.23 lbs. in 7 days as 2 yr. old, 80.99 lbs. in 30 days.

A few young bulls for sale sired by Spring Farm King Pontiac the three fourths brother of the dams of the 44-lb. bulls.

Services to insure a live calf $350.00 to the 44-lb. bulls.

Services to insure a live calf $150.00 to K. P. Konigen.

Francis M. Jones

Oneida Co. **CLINTON, N. Y.**

Sir Veeman Hengerveld

47 A. R. O. daughters
5 with records of 30 to 33.69 lb.
(4 of these as 4-yr-olds)
20 with records above 25 lbs.
35 with records above 20 lbs.

NO OTHER LIVING SIRE HAS AS MANY 30-LB. DAUGHTERS.

NO OTHER SIRE LIVING OR DEAD, WITH HALF AS MANY A. R. O. DAUGHTERS, CAN APPROACH THIS SHOWING WITH RESPECT TO PERCENTAGE OF 20-LB OR 25-LB. DAUGHTERS..

OFFERING NO. 1. A Son of Sir Veeman Hengerveld, Born June 10, 1913.

A very thrifty, well grown youngster (like all of Sir Veeman Hengerveld's get); a fine individual, nicely marked.

Dam—De Kol Pietertje Veeman Emma.
A. R. O. at 4 years:—
Butter ..... 21..41
Milk 483. 00

This record was made in hot weather, and is no indication of her capacity. She will be retained in my herd, and given a chance to make a large record at next freshening. She was by SIR VEEMAN HENGERVELD, and from a daughter of De Kol Pietertje Prince 2d. This combination has produced a very large percentage of the best daughters of Sir Veeman Hengerveld.

At our price this calf will not remain long unsold.

For pedigree, etc., address

W. D. ROBENS

Pleasant Hill Herd **Poland, N. Y.**

Want Ad Column

$1.00 per insertion. Send price with copy.

WANTED—Experienced dairyman and farmer, married, preferably with son old enough to act as helper. There must be two milkers. Must understand feeding, and should be able to make some official tests. In summer to assist with the raising of crops for the herd. Steady position for a hustler. Write with full particulars concerning what you can do, wages expected, and references.
A. P. LARIMER **West Newton, Pa.**

Bond Century Farm
Canastota, N. Y.

Grandsons of King of the Pontiacs from A. R. O. dams for sale. Address **W. E. Bond, Potsdam, N. Y.**, or call at the farm.

W. A. HOTCHKISS, Mgr.

King Segis Champion 71546

World's record average first prize winner. Greatest breeding and individuality. Service fee $200. Send for plate and pedigree. Choice stock always for sale.

E. C. BRILL
Stewartsville, Warren Co., N. J.

TYPEWRITTEN PEDIGREES—On the best paper 9½x14 with diagram No. 2-14 ancestors Blue Book records (3 for $1.00) 35c. No. 5-14 ancestors up to date pedigree 2 colors 15c Carbon copies 10c each. Give name and number of sire and dam of animals not registered and of those having numbers above 205896 in cows and 111599 in bulls. For interesting prices on sale catalogs write.
F. G. JOHNSTON
37 W. Lane Ave. **Columbus, O.**

RIVERSIDE STOCK FARM

offers an H.-F. bull born March 25, 1913. Sire, King Hengerveld Segis whose two nearest dams average 30.47 lbs. Dam, Lily Grace Cornucopia, 29.-06 lbs. butter in seven days.
Write for pedigree and price.
A. W. BROWN & SONS.
West Winfield, **New York.**

THE STANLEY ENGRAVING CO.

Photo-Engravers Zinc Etchers, Designers.

Half tones, 3x4, at the low price of $1.50. Cuts that will run. Reference, this paper. Satisfaction guaranteed. Library Bldg., Tioga St. Ithaca, N. Y

Another Bull---$100

By Johanna McKinley Segis.
Bull calf born June 1st (one of pair of twins). Quite evenly marked, nice and straight. Dam has a record of 13.09 lbs. at two years. If taken soon, he goes at $100, same as last one sold.
HENRY ANTHES,
Jefferson **Wis.**

SOME GOOD ONES

The two bulls advertized are sold, have one dandy 8 months left. Also one six year cow due this month (by Sir Tirania Segis his dam a 30-lb daughter of De Kol Hengerveld Burke) a good one, right in every way.
Tuberculin tested.
H. T. FULLER **Peru N. Y.**

Jenningshurst Stock Farm

Home of RAG APPLE KORNDYKE, the greatest son of PONTIAC KORNDYKE, offers a few choice bull calves.

W. W. JENNINGS **TOWANDA, PENN.**

HERD SIRES

Korndyke Pontiac Pet, No. 55995 — Sire, Pontiac Korndyke. Dam, Pontiac Pet. Butter, 37.68.

Clarissa Pietertje Ponto, No. 73616 — Sire, Lewis Prilly Rouble Harwg. Dam, Clarissa Clothilde Pietertje. Butter, 32.52.

ISAAC DALRYMPLE & SON **OTSELIC, N. Y.**

SAINT LAWRENCE VALLEY FARMS

CONSTABLE, N. Y.
HERD SIRES
Prince Segis Korndyke 7th—Sire, Prince Segis Korndyke.
Dam, Duchess Hengerveld, 24.90 lbs. butter in 7 days at 4 yrs.
Sir Fairview Manor De Kol—Sire, Pontiac Korndyke
Dam, Fairview Manor Korndyke, 27.82 lbs. butter in 7 days at three years, average per cent fat, 4.49. (t.f.)
Bull calves from A. R. O. dams for sale.
R. C. WILSON & SON, Proprietors.

NORWICH STOCK FARM

Send your orders where you can get WORLD'S RECORD QUALITY —either male or female—at reasonable prices.
Just one BULL CALF left that is a cousin of the 44.15-lb. Cow. A brother of her heads my herd.

R. C. WELLS, **NORWICH, N. Y**

POLLED HOLSTEIN-FRIESIANS

THE ONLY HERD OF NATURALLY HORNLESS, PURE-BRED HOLSTEIN-FRIESIANS IN THE WORLD. Registered in the Herd Books of the Holstein-Friesian Association of America. Headed by the only naturally polled Holstein-Friesian bull ever sold in a public sale, PIETJE ORMSBY SEGIS BURKE, NO. 88771, bought at the mid-winter sale at Syracuse, N. Y., January, 1912. All of this bull's calves to date, eight in number, have been naturally hornless. Polled Holstein-Friesians were first recognized in Vol. 3, Bulls, page 28, March, 1887 and admitted to registration.
A March bull calf sired by bull, Pietje Ormsby Segis Burke, out of a granddaughter of Hengerveld De Kol with an A. R. O. record at three years of 18.78 pounds. Price at any time before September 1st, $150. One other calf A. R. O. dam at 3 years, 17.07 lbs., $100.
Do not saw, cut or burn the horns off, breed them off.
GEO. E. STEVENSON & SONS, **Waverly, Penna.**

GRAHAMHOLM HERD HOLSTEIN-FRIESIANS.

Home of **Aaggie Cornucopia Johanna Lad, Jr., 36974.** The greatest prize winner and sire of prize winners of any bull of the breed. He has 36 A. R. O. daughters. We have several sons of this noted bull for sale—some old enough for service—all from choice A. R. O. cows.
We also offer **Sir Winana Beets Segis 52927,** a son of King Segis and a 24-lb. daughter of Paul Beets De Kol; and a very choice two-year-old grandson of King Segis.

Address W. J. Boynton, Manager, Rochester, Minnesota.

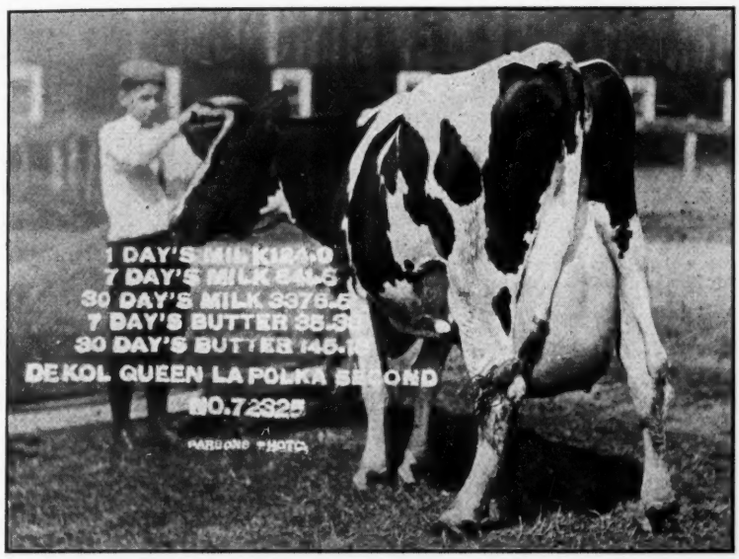
MARBLE VALLEY STOCK FARM

Sires in Service.
Fairview Korndyke Lad a son of **Pontiac Korndyke** and **Pontiac Pet**; butter 37.68, milk 590.70, per cent fat 5.10.
Inka Princess Mutual De Kol Son a son of **Pontiac Paul** and **Inka Princess Mutual De Kol,** butter 33.25, milk 711.90; 30 days, butter 128.73, milk 3145.3.
We offer bull calves by the above sires from A. R. O. dams, calves are from one to three months old. For price and pedigree write.
J. H. MEAD & SON **West Rutland, Vt.**

FOR SALE—TWO 32.10 LB. BULLS
Dam, **Flamboro Witzyde De Kol 122892.** She has just completed a record of 32.10 lbs. of butter and 570.7 lbs. of milk in 7 days.
No. 1 was born January 2d, 1913. Sire, **King Pontiac Pietertje,** a son of **King of the Pontiacs** and **Pontiac Pietertje Princess** 25.03 lbs. of butter at three years.
No.2, was born Dec. 20th, 1913. Sire, **Sir Korndyke Pontiac Artis, Jr.,** whose sire is **Sir Korndyke Pontiac Artis** and whose dam is **Maud Veeman Hengerveld,** 30.20 lbs. butter as a 4-year-old.
These bulls are nicely marked and are fine individuals.
CHAS. C. DISBROW **Norwalk, Conn.**

Holstein-Friesian World

VOL. XI. MADISON, WISCONSIN, JANUARY 24, 1914. NO. 4.



DE KOL QUEEN LA POLKA 2D

The Cow worth six farms.

A COW WORTH SIX FARMS

By Ira S. Brown, Editor

And pretty good farms at that—farms of 70 acres each well improved and mostly under cultivation. This sounds "fishy" but it is not. It is a fact regarding a Holstein-Friesian cow. We have been hearing of their buying automobiles and paying off mortgages and all sorts of things until we are prepared for most anything. And now comes one better yet. It is not a new deal, but it has never been told in print before. Nearly 4 years ago De Kol Queen La Polka 2d won her great world records of 145.11 lbs. of butter and 3376.5 lbs. milk in 30 days. This landed her nearly 5 lbs. of butter and several hundred lbs. of milk ahead of any other cow. She was at once sought by men who wanted the best. One man had $5,000 for her, but this was no temptation to Mr. Sisson, her owner. Soon another man offered him $3,500 for a half interest in her.. But this proposition he turned down. Then before long a third offered him $2,000.00 for a sixth interest in her. This offer he took, and with the $2,000 he bought a 70 acre farm. It has a good story-and-a-half house of some six rooms, well built and in good repair. It has two large barns all sufficient in size to hold the feed asd stock for a 70 acre farm. Like many of the farms in the Eastern states, it would cost more to erect the buildings than the farm and all sold for. It is the farm, by the way, which Mr. Sisson rented when he was married 17 years before, and began his married life with less than $300.00. It produced the first year he owned it some $300 worth of hay besides the pasture.

This price of $2,000.00 was paid for one-sixth interest in the cow soon after she made her first world's records and before she beat her own records in two points a year later. With all the marvelous records by other Holstein-Friesian cows during the past four years, no cow has succeeded in excelling her in both milk and butter on the 30-day test or on the 7-day test.

The conditions under which she made her phenominal records are worth noticing. She was 6 years and 5 months old and had freshened 5 times. She was in thin flesh and made the average Holstein-Friesian test of 3.44 per cent. The per cent was higher for the 30 days than for her best 7 days butter record. She was under test for 40 days and the last 30 days were better than her first. She was fed on timothy hay and the ensilage ran out when her test was half over. She was lame and stood on three feet much of the time, favoring the lame foot. She was tested by a man who had had but little experience at testing. De Kol Queen LaPolka 2d is a large vigorous cow and has behind her the choicest lines of breeding in America and in Holland. She is producing herself in some remarkably nice sons and daughters as may be seen from the picture of one of her sons on the front page of this issue, whose sire is of the strongest lines of breeding developed by Mr. A. A. Hartshorn; for two years past the president of our National Holstein-Friesian Association. Through her sons and daughters she will doubtless distinguish herself still more in the course of time.

DEVELOPING THE YOUNG STOCK

G. A. Dimoc, Michigan.

Good breeding will do much, but it cannot do everything, and the man who wishes to see his herd improve year by year must give very careful attention to the development of the calves. Much might be said on this subject, but we will only touch on a few of the most important features.

As a rule the first feed of the newborn calf should be from the mother's milk, being careful that the calf does not over-eat. The young calf should be fed three or four times a day, receiving only about two pounds of milk at a feed if fed four times a day. The milk should always be at blood heat and fed from absolutely clean pails. If the pails can be scalded at each feed so much the better. Regularity in feeding is as necessary as cleanliness. At all times the calf should have a clean, dry bed and plenty of good pure water.

As soon as the calf is old enough we would keep good hay within his reach, and believe that a mixture of bran and oats, with perhaps a little charcoal, makes a very desirable grain mixture. They should also have salt

within their reach. The milk should always be sweet and the change from whole milk to skimmed milk should be made very gradually.

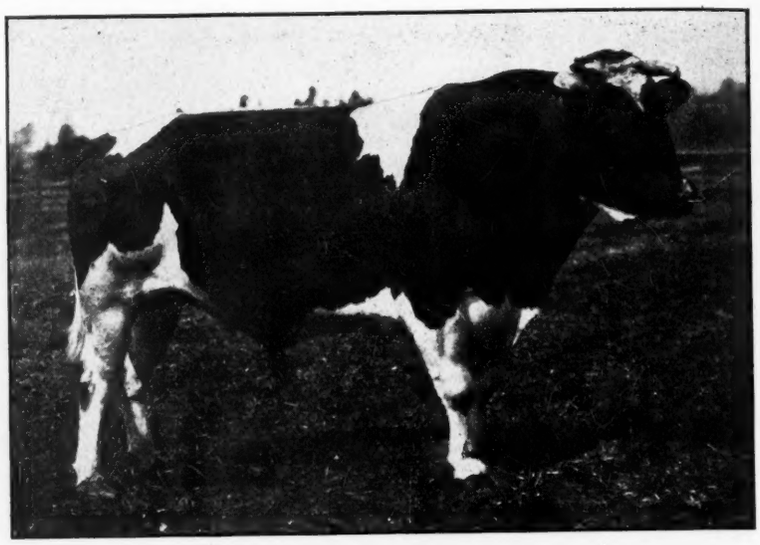
We believe that the milk as fed should be carefully weighed so that the ration may be gradually and carefully increased. We believe that most of the dificulty in raising calves is due to carelessness rather than to lack of knowledge. When the calves have reached the age at which they can consume a reasonable amount of grain we believe in giving them a good generous ration made up of feed that will have a tendency to produce bone and muscle rather than fat.

Next to an abundance of good feed we believe in plenty of sunshine and fresh air. This is something that they should have at all times and under all circumstances. With double glazed sash and the King system of ventilation properly installed an abundance of sunshine and fresh air may be had without making the building too cold. Damp and filthy stables should not be tolerated. We do not believe it is wise to have the heifers freshen at a very young age, but prefer to give them a reasonable chance for development before they are called upon to take on the burdens of motherhood.—*Farm and Dairy.*

SIR JOHANNA DE KOL IS DEAD

The career of Sir Johanna De Kol has been one of interest to a great many stockmen. Some of his progeny have been disseminated locally, while many of them have been sent to Canada, Japan, and all parts of the United States. We take this occasion to announce that his death occurred at Cedar Lawn Farm, the property of C. A. Schroeder of the town of West Bend, Wis., on January 2, 1914, at the age of fifteen years and thirteen days. The cause of his death was old age.

Probably no other sire ever lived that has given stronger proof of the importance of good breeding than did Sir Johanna De Kol. As we examine the chart of his pedigree we find that his sire, Sir Johanna, was also the sire of Colantha 4th's Johanna, who a few years ago astonished the dairy world by making 35.22 pounds of butter in 7 days and 1247 pounds in one year. The dam of Sir Johanna De Kol made a record of over 24 pounds of butter in 7 days ten years ago. This cow, Johanna De Kol 2nd, also was the dam of Johanna Korndyke, who made 31.65 pounds of butter in 7 days, at 4 years old; Johanna De Kol Ormsby 23.49 pounds in 7 days, and Johanna Bonheur 23.06 lbs. in 7 days. Furthermore, she was the dam of two sires, one of which produced Johanna De Kol Van Beers, with a record of 40.07 pounds of butter in 7 days, and 541 pounds in 120 days. The other of which is the sire of Aggie Pauline Sarcastic, with a record of 36.35 pounds of butter in 7 days. These cows, indicating the ancestory of Sir Johanna De Kol, were all of the same type, being deep bodied, of large capacity, combined with quality and intense dairy temperament.



SIR JOHANNA DE KOL

35 A. R. O. daughters, including the 40-lb. cow, Johanna De Kol Van Beers, the first 21-lb. junior two-year-old; also the first junior two-year-old to produce 22 lbs. and 25 lbs. in 7 days. 13 A. R. O. sons. Owned by C. A. Schroeder & Son, West Bend, Wis.

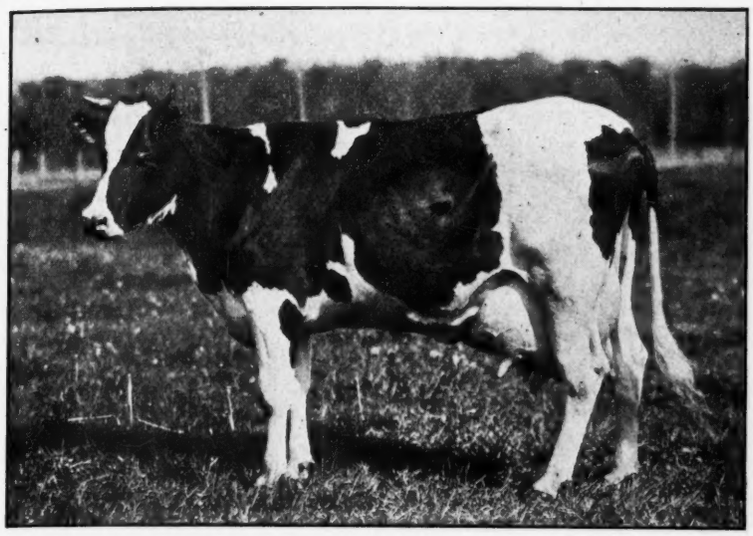
Turning our attention from the ancestry, or the blood lines which produced Sir Johanna De Kol, to his progeny or off-spring, we find that he has produced 45 Advanced Registry daughters, 17 sons and 21 daughters who have Advanced Registry daughters. Furthermore, he has 114 granddaughters with Advanced Registry records. Added to this list there are still about 50 more young daughters which will in due time be admitted to the Advanced Registry. Among the daughters listed to the present time we find the following world's records:

Johanna De Kol Van Beers, 40.07 lbs. butter in 7 days; 541 lbs. butter in 120 days.

Cedar Lawn De Kol Johanna, 25.8

JOHANNA DE KOL VAN BEERS 75131

A daughter of Sir Johanna De Kol and Netta Netherland Van Beers. Butter, 40.10 in 7 days, 155.50 in 30 days, 228.11 in 60 days, 416.71 in 90 days and 460.17 in 100 days. Last three world records when made. Bred by C. A. Schroeder, West Bend, Wis. Sold by James M. Anderson in the 1913 sale to R. E. Haeger, Algonquin, Ill. and T. E. Getzelman, Hampshire, Ill. for $7,000.



CEDAR LAWN DE KOL JOHANNA

At 2 years, 2 months:
Butter 25.87
Milk 570.10
Semi-official year's record:
Butter 707.93
Milk 16,905.10
One 20-lb. two-year-old daughter. She was the first 25-lb. junior two-year-old. A daughter of Sir Johanna De Kol.
Owned by C. A. Schroeder & Son, West Bend, Wis.

lbs. butter in 7 days at 2 yrs. 2 months.

Same cow, 707, lbs. butter in 1 yr. at 2 yrs. 2 mos.

Bessie De Kol Rue 2nd, 22.6 lbs. in 7 days at 2 yrs. 4 months.

Netherland Johanna Rue 6th, 21.5 lbs. in 7 days at 2 yrs. 2 months.

Among the daughters of his daughters:

Princess Segis at 2 yrs. 3 mos., 24.48 lbs. in 7 days.

Princess Segis at 5 yrs. 5 mos., 30.43 lbs. in 7 days.

Princess Segis at 4 yrs. 3 mos., 120.42 lbs. in 30 days.

Cedar Lawn Johanna Inka at 2 yrs. 6 mos., 21.51 lbs. in 7 days.

Cedar Lawn De Kol Johanna 2nd at 2 yrs. 7 mos., 20.19 lbs. in 7 days.

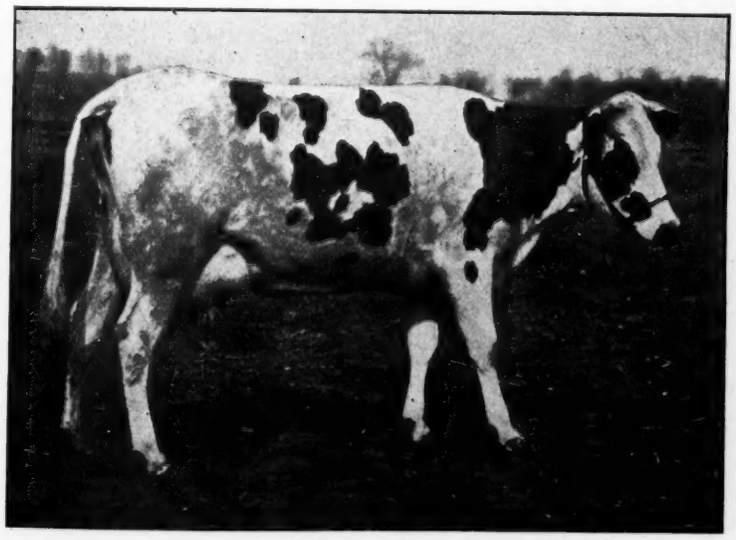
Among the daughters of his sons:

Manor Johanna Pietertje Lady, 34.38 lbs. in seven days at 5 years.

Johanna Pauline Paul, 26.54 lbs. in 7 days at 3 yrs. 3 mos. and 19.46 lbs. 8 mos. after freshening at 3 yrs. 3 mos.

Many more good records could be cited if space would permit. As we view the progeny of Sir Johanna De Kol from the standpoint of conformation we find that, like his ancestry, they are deep bodied, having fine quality and dairy temperament. Few of them have been exhibited, yet four of his daughters and one grandson shown at the 1909 National Dairy Show were awarded first prize on heifer under 1 year; junior championship 1st prize get of sire, and first prize calf herd. The judge pronounced the four daughters as being the most even in type of any four heifers he had ever known.

In the ancestry of Sir Johanna De Kol we find a line of stock unexcelled for high production and the kind of conformation that warrants high production. Therefore when we take into account the high record progeny of this grand old sire the importance of good breeding is evident. The uniformity of production, as well as the conformation for production is transmitted to the off-spring only when the animal has good breeding, and by good breeding is meant a line of ancestry that are all of the same type and production when this type and production is of a high class. We may have an animal with an individual high record, but if that animal's ancestry were not of the right kind, that is, they are not all of the same type for production, then we cannot expect the best results from her progeny. Hence in an animal of this kind, good breeding is absent. We should therefore always insist that our breeding stock is of good breeding lineage, and not be satisfied with an ordinary haphazard kind.



BESSIE DE KOL RUE 2D

At Six years:
Butter 26.34
Milk 569.10
At 2 years, 4 months:
Butter, 7 days 22.60
Butter, 30 days 88.63
The first 22-lb. junior two-year-old.
A daughter of Sir Johanna De Kol.
Owned by C. A. Schroeder & Son, West Bend, Wis.

Geo. I. Simons writes: "I received the binder in good shape, and was glad to get the same. I enjoy the H.-F. World very much and look forward to its arrival every thursday."

THE HOLSTEIN-FRIESIAN WORLD comprises from 20 to 32 pages and is PUBLISHED WEEKLY. The 1913 volume contained over 600 ILLUSTRATIONS of the GREAT ANIMALS OF THE BREED. Price per year (52 numbers) is $1.00.

GROVELAND STOCK FARM

By Ira S. Brown, Editor.

There is always a tendancy to underrate the accomplishments of others. At a distance, we hear of records or of winnings in the show ring and we pass them by with but little thought. It is only when we become personally acquaiinted with the parties concerned and have visited their herd and studied the cattle that we are able to come anywhere near a proper appreciation of the success attained. Now it was on the date of Jan. 14th that we betook ourselves to Groveland Stock Farm and spent a half day with the herd and we take pleasure in acquainting our readers, as best we can, with the proprietors, Mr. Frank White and Son, by presenting in brief, their accomplishments.

Groveland Herd was for many years located at Hampton, Iowa, and here it was that the reputation of the herd was made. Through the extensive winnings of the herd in the show ring at Waterloo, Chicago and numerous state fairs, the names of the owners have become familiar to breeders of Holstein-Friesian cattle, throughout the country. Then this enviable reputation has been greatly added to by two big auction sales held by them at Hampton. Iowa, the past two years. These sales are to be an annual affair. The first sale averaged $190.00 per head and the second one $265.00. In order to draw the same buyers throughout Iowa, who are acquainted with the managers and know their absolute reliability and the quality of animals that will be offered, the sale will be held in the same place this year. Mr. Frank White & Son are positive in their assertions that the offerings in the sale this year will far outclass those of last year; they even claim the sale will afford the best breeding of any sale ever held in the Middle West. Certainly, the bunch to be entered from Groveland Stock Farm, bears out their claims; it is a most exceptional group in both individuality and breeding.

In March, 1913, the herd was moved to a large farm of 310 acres, two miles out from Woodstock, Illinois. By the mode of travel used by the owners, i. e. an automobile, it's about ten minutes out. The herd is a large one, consisting of 70 head and it is an agreeable sight to look up and down the two long rows of animals in the big stable. In these two ranks, one can find, here and there, cows of immense capacity and of ideal show conformation.

The third cow, as you enter from the door, is Lady Ono Hijlaard. An interesting article could be written about this wonderful cow alone. A book representing "who's who" among Holstein-Friesian cattle, would have to contain this cow. Here is her record.

1. Foundation cow of Groveland Herd.
2. She made a 20.56-lb. record.
3. She is the dam of Groveland Inka Hijlaard 57856, one of Groveland's herd sires.
4. Her sons and daughters are prize winners and she is granddam of the majority of the animals in Groveland's show herd.
5. One of her daughters sold in the sale last Spring for $450.00.
6. She is dam of the two animals that have been entered in the "Produce of Cow" class in thirty-six show rings and have never lost a blue ribbon.
7. She has not been dry a day since producing the above mentioned herd sire on March 18, 1908 and during the Iowa Contest she gave 19,355 lbs. of milk in nine months.
8. She is, herself, a magnificant individual, mostly white in color, a large cow with immense capacity, superb milk veins and udder and an outstanding prize winner.

The above mentioned herd sire, six years old is largely white in color and seems to have inherited the fine qualities of the dam in every particular and then, again, he is getting daughters, showing the same prepondency of white and of the very finest conformation. It is a striking case of prepotency in the old cow, Lady Ona Hijlaard. The sire, by name, is Groveland Inka Hijlaard 57856. As a two-year-old, he was undefeated at eight state fairs and dairy shows and was grandchampion several times. As an aged bull, he has been equally successful. A daughter of his was first prize senior heifer calf at the 1912 National Dairy Show.

Cornucopia Pontiac Johanna Lad, the other herd sire, is seven years old and largely black in color. He is a son of King of the Pontiacs and a grandson of the renouned show bull, Aaggie Cornucopia Johanna Lad. This gives him a combination of blood from two of the greatest bulls of the breed. His dam is Manor De Kol Kate 2d (24.95), who is the dam of K. P. Manor Kate (28.10 in one week and 1023.41 semi-official). This bull is especially long bodied but like the white bull, he is straight as an arrow and has splendid carriage. Both of these bulls are exceedingly well formed at the rump, rather the best, in fact, that we have ever seen. They are the type of sires we would expect to get level-rumped daughters and they are doing it.

We desire to give an idea of the breeding of some of the females of the herd. For instance, there are five splendid granddaughters of King Segis, one from Butter King Molly (27.70), another from Butter Boy Mother Hubbard (19.13). There is Flushes' Emma De Kol 2d De Kol, who is the dam of Lady Concordia De Kol (35.15 from 578.9 lbs. milk), owned by J. V. Frederick & Bro., Canajoharie, N. Y. There is Groveland Korndyke Cornucopia, who, as a two-year-old produced 19.30 lbs. butter from 567.2 lbs. milk an average of 81 lbs. There is a granddaughter of the two sires, Manor De Kol and Mutual Friend's 3d Paul Jr. There is Mercedes Jessie Arrona, a granddaughter of Mercedes Julip's Pietertje Paul, the sire of King Segis. There is a half sister of Tweede White Lady, the dam of the 44-lb. cow. There is Lilith De Kol 2d Hengerveld, a granddaughter of Hengerveld De Kol. At the age of two years and eight months she made 14.70 lbs. butter, eighty-three days after calving. Her dam, Lilith Pauline De Kol (20.06) is full sister to the sire of Lilith Altona De Kol (33.61 and world's champion three-year-old). Most of the animals mentioned are of splendid conformation and it is seen that some very good records have been made, but if we are any judge of productive capacity, it is hardly a beginning to what another five years will bring forth. As in all show herds the A. R. O. work has been handicapped but the owners have a considerable number of cows to test this spring and intend now to keep up the testing end of the business. With the quality of show herd, they have had, it is not so very strange that the A. R. O. work has been slighted. In the five years that they have exhibited their herd they have won in prizes approximately $15,000.00. They can show you two large boxes, packed tight with ribbons; the money is exhibited in the big farm and a new house.

In closing, we should add that the proprietors are most agreeable men, the kind one likes to do business with. Knowing them, as we do, we will take the liberty to invite everybody, desireous of seeing a fine herd and enjoying a half day off to visit Groveland Herd—it must be seen to be appreciated.

RICHLAND COUNTY ASSOCIATION

The result of the permanent election of officers for the Richland Co. H.-F. Breeders' Association is as follows:

President—Glen Keys, Richland Center, Wis.

Vice President— B. W. Poole, Twin Bluffs, Wis., R. D. No. 1.

Secretary— F. B. Fries, Richland Center, Wis.

Treasurer—A. H. Button, Lone Rock, Wis.

Executive Committee—H. A. Brace, Lone Rock; A. T. Rundell, Richland Center; Dale Davis, Richland Center.

There was considerable discussion over the question in regard to the use of a Registered sire by the members. Some of them insisted on using a grade, but we amended the Constitution so that they must "provide themselves for the use of a Registered Holstein-Friesian sire within one year."—F. B. FRIES, *Secretary.*

HOLSTEIN-FRIESIAN TESTS IN PROGRESS IN WISCONSIN

The following supervisors are engaged in conducting official weekly tests of Holstein-Friesian cows for the breeders named:

R. F. Adams—Garfield Muhklestone, Waukesha.

W. Axley—Geo. H. Gibson, Nashotah.

F. G. Backus—Carl Muth, Sheboygan.

S. C. Bathum—E. E. Ayer, Walworth.

I. Blood, Jr.—H. D. Dunbar, Elkhorn.

Lynn Briggs—A. G. Palmer & Son, Lake Geneva.

J. H. Clark—Emil Titel, Glenbeulah.

O. P. Craig—Rust Bros., West Allis.

H. L. Ellis—Geo. E. Stroebel, Jefferson.

Frank Fuller—O. and Cl. Hake, Jefferson.

Horace Fuller—Aug. Luedke, Watertown.

Warren Hoover—Dr. H. B. Favill, Lake Mills.

Edw. Jennings—J. A. Forge, Lyons.

E. O. Johnston—Torris Geraldson, Manitowoc.

J. F. LeJeune—Harvest Farms, Mayville.

W. H. Markey—Geo. Hetts & Son, Ft. Atkinson.

L. F. Murphy—J. M. Crump, Lake Mills.

O. A. Olson—Baird Brothers, Waukesha.

Clarence Onsrud—Dr. M. W. Downing & Bros., Waukesha.

A. P. Plummer—W. G. Marshall, Whitewater.

Arthur Rasche—Chas. Backhaus, Kewaskum.

John Reckinger—H. R. Weiskopf, Cleveland.

F. M. Sharp—C. A. Schroeder, West Bend.

E. J. Stuesser—Geo. F. O'Neil, Thiensville.

F. W. Tillotson—L. A. Kimball, Lake Geneva.

C. Van Vuren—J. E. Piper, Watertown.

M. H. Weymouth—Schuster Farm, Mukwonago.

O. P. Williams — Imig Brothers, Neillsville.

A. C. Wollin—Pabst Farm No. 3, Oconomowoc.

Roy T. Harris,
In charge of tests.

C. F. Corey, Pennelleville, writes: "My ad in the WORLD has brought results and I have bought enough stock to fill my barn. Please stop ad. and send bill. Yours truly."

C. H. Titus, Tunkhannock, Pa, writes: "Inclosed find my check for $1.75 to renew my subscription for the World and a binder for the same. The World is an encyclopedia for me and I am very choice of every number for I could not do business without it, I was not long finding it better than * * * published in Vt. Congratulations to the new World Company."

Walter T. Perham, Lowell, Mass. writes: "I like the World very much and read every bit from cover to cover."

Field Notes

The rapid spread of the silo is shown by a diagram in the Kansas Farmer giving the distribution of silos in Kansas. It states that there are 6,978 silos; more than ninety-five per cent of which have been built in the past three years. One county has as high as 439 silos.

* * *

In an earlier issue was a short article stating that Mr. A. A. Hartshorn had sold a half interest in King of the Black and Whites for $5,000 to R. E. Chapin & Son, Batavia, N. Y. Through some error, the name of the wrong bull was used in this article—the bull, of which a half interest was sold is Admiral Walker Pontiac.

* * *

The Wisconsin Farmers Course will be held for ten days, Jan. 27 to Feb. 6, at the Agricultural College, Madison, Wis. Valuable lectures will be given in every department of agriculture so that every farmer will find some lectures of particular interest to him. The matter of solving the farm help problem is to be the central theme of the Course. It is expected that the Holstein-Friesian and other state associations will hold meetings during the Course.

* * *

Mr. Louis A. Buchner and Mr. W. J. Brown from Mora, Minnesota, President and Secretary of the Kenabec County Holstein-Friesian Club recently purchased a bull and thirteen heifers from Redwood Holstein Farm, owned by Sears & Gold, Redwood Falls, Minn. The heifers, raised in the herd of Sears & Gold, brought an average price of $300. It is the intention of the buyers to make Kenabec County a Holstein-Friesian center and give it a reputation similar to that now enjoyed by Northfield, Minn. Buyers come from all parts of the country to buy cattle at this latter town.

* * *

We are in receipt at this office of a large size and very beautiful calendar sent to us by C. B. McCanna, Prop., Edgewood Stock Farm, Burlington, Wis. The calendar is graced by a colored picture of the fine buildings at Edgewood Stock Farm with the Holstein-Friesian herd in a green pasture in the foreground. It gives a particularly splendid view of the herd sire, King Segis Pontiac 3d, a truly great and splendid animal. We thank the sender exceedingly for remembering us with this splendid calendar.

* * *

The frontispiece of this issue gives a picture of Reed and Platt's bull, Prince Beauty Pietertje Hartog 3d. Dr. Reed writes that he is a very active individual though exceedingly friendly in disposition. Certainly his picture shows him to be a splendid animal. Though the dam of this bull is wonderful enough to mark him as a very exceptionally bred animal, we think the breeding on his sire's side may also be considered a distinguishing feature. His sire, Prince Beauty Pietertje Hartog is of Mr. A. A. Hartshorn's breeding. His dam is Daisy Pietertje Hartog 2d (27.37). Among the close relatives of Prince Beauty Pietertje Hartog 3d are 28 cows with weekly butter records whose average is 32 pounds and not one of them has a record less than 30 pounds. There are 15 such records on the sire's side and 12 on the dam's. A stronger combination of breeding than this is not obtainable.

HOLSTEIN-FRIESIAN WORLD

The only weekly Holstein-Friesian Journal.
Entered at the Madison, (Wis.) Post-office as second class mail matter.
Issued on alternate Saturdays from Madison, Wis. and Lacona, N. Y.
HOLSTEIN-FRIESIAN WORLD CO., Publishers.
WESTERN EDITION—Chas. G. Brown, Senior Editor, Ithaca, N. Y., Ira S. Brown, Junior Editor, Madison, Wis.
EASTERN EDITION—Editors: E. M. Hastings and M. S. Prescott, Lacona, New York.
Subscription price for the United States and Mexico, $1.00 per year in advance. All other foreign subscriptions (including Canada), $1.50.
Personal checks will be accepted for sums not less than $1.00.
The date following the address on the wrapper of each paper indicates the time to which subscription is paid, and is to answer the purpose of a receipt.
When a subscriber wishes his subscription discontinued, he should notify his nearest office.
Offices of publication, Hastings Bldg., Lacona, N. Y., and 1025 Sherman Ave., Madison, Wis.
Approved cuts of meritorious Holstein-Friesian animals, when furnished, will be published free of charge.
If photographs are sent, cuts will be charged for at cost price.
All matter for publication in the Western Edition must be received by the Saturday preceding date of issue.
When so desired, advertising copy will be prepared or revised for our customers free of charge.

ADVERTISING RATES

One dollar per inch, each insertion.
On yearly contracts for a given space a discount of 50 per cent will be allowed, the same rate of discount to apply to any larger space that may be required, except for public sale advertising. On yearly contracts for every-other-week advertising, a discount of 35 per cent will be allowed.
Special page rates (applying to other than cover pages, which admit of not less than the regular yearly rate)—
Full page (30 inches) for one year, 52 issues, $650.00
Half page (15 inches) for one year 52 issues, $350.00.

Editorials

New York State Breeders' Sale. Elsewhere in this number is an itemized report of the New York Breeders' Sale which was held in the new sale pavilion, Syracuse, January 13-14.

Though the temperature was in the neighborhood of 20 degrees below zero, the audience for the second day taxed the capacity of the sale pavilion. Notwithstanding the extreme temperature outside, absolute comfort prevailed inside.

A leading feature, fully reported in our last week's issue, was the sale of the 44-lb. bull, Spring Farm Pontiac Cornucopia, consigned by Colvin & Deshane and purchased by F. M. Jones, the former owner and breeder, at the record price of $15,000. However, other animals brought some quite notable prices. Alice Veeman Hengerveld, a four-year-old daughter of Sir Veeman Hengerveld and a sister of five 30-lb. cows which was consigned by W. D. Robens, Poland, N. Y., was bought by William Bishop of Chimacum, Washington, at $1,000. Another animal consigned by Mr. Robens was the six-weeks old son of King Korndyke Sadie Vale and a 30-lb. daughter of Sir Veeman Hengerveld. This calf was taken by Eben Richards of Oxford Depot, N. Y., at $2,025.

King Segis Pontiac Ideal, a three-fourths brother of the $10,000 bull King Segis Pontiac Alcartra, consigned by Stevens Bros. Co., went to Geo. F. Hubbs of Warner, N. Y., at $1,000, and a week-old daughter of King of the Pontiacs, was purchased by F. A. Lawrence, Vernon, N. Y., for $900. This daughter of King of the Pontiacs was sold because it was dropped after the dam had been consigned to the sale.

Two animals of the J. A. Stanton & Son consignment brought $1850 and $1625 respectively. The former is a son of King of the Pontiacs, coming two years old. He was struck down to E. D. Billings, Earlville, N. Y. The latter was an eleven months grandson of Pontiac Korndyke, his dam being a 31-lb. daughter of King Segis Beets. This very handsome young sire goes to Hebron, Ill., the property of J. H. Turner, Fred N. Turner and Arthur D. Cornue, all of Hebron. We learn from Mr. Turner that this young sire is to be bred to granddaughters of Aaggie Cornucopia Johanna Lad, Paul Beets De Kol and Hengerveld De Kol, many of these having A. R. O. records, the others to be tested.

The highest averages were: W. D. Robens, $568; Stevens Bros. Co., $470, and J. A. Stanton & Son, $458. One hundred and forty-four animals of all consignments brought $64,173, and averaged $445.

The next sale of the New York State Breeders' Company will be held on May 5th and 6th, 1914.

---o---

The Fall Sales of 1913. Every energetic dairyman keeps complete records of his herd. Then, by an occasional summary, he is enabled to determine with accuracy the paying or non-paying condition, and the extent thereof. Such methods applied in a large way to determine the condition of affairs of a whole breed may not be of much practical use, for the condition of the whole is dependant upon the success of each individual dairyman. Still any summary that can give an inkling of the status of affairs of the breed as a whole, must at least be a matter of interest.

At this time, a year ago, we published a little report of the Fall Sales of 1912. The report involved eleven sales in which 841 animals were sold for an average of $203.70 and the top price received for a single animal was $3,000 . This average of $204.70 was considered by us as indicating a very healthy condition of affairs, especially as calves were included in the reports of most of the sales.

For the fall season of 1913 we have fourteen sales, including all that took place up to Jan. 1, 1914. All of these sales were reported in the Holstein-Friesian World. They involve the territory from ocean to ocean and are therefore as representative of the conditions throughout the country as possible. One was held in Pennsylvania, one in Michigan, one in Wisconsin, one in Oregon, two in Washington, two in Iowa, two in Illinois and four in New York.

In these fourteen sales, 1253 animals passed through the ring at an average of $265, and the top price received was $3,500. Thus it is seen that the sales af this last fall exceed those of a year ago, in every point, and by large margins.

The outlook is most favorable. The above figures state in plain language that the Black and White breed of cattle is increasing in popularity by leaps and bounds, the reason, as we have time and again stated, is, because of all the breeds of dairy cattle, they are the largest, strongest and most efficient milk and butter producers. We look forward to a large increase in the average for the numerous coming spring sales.

---o---

NEW ADVERTISEMENTS

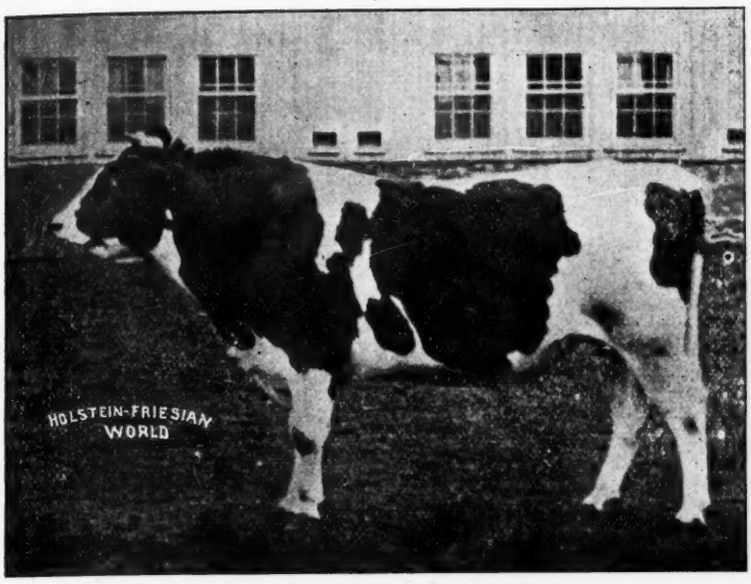
In the line of typewritten pedigrees, you can get just what you want by writing F. G. Johnston, 37 W. Lane Ave., Columbus, Ohio.

Big record just completed. For the greatest yearly records of both mother and daughter read the half-page ad. of Maplecrest Farm.

For a grandson of Pontiac Korndyke and out of good A. R. O. dams write John J. Walrath, East Springfield, N. Y. Price given in ad.

A bargain bull, son of the 44-lb., $15,000 bull. Enough said. See ad. of Colvin & Deshane, Richland, N. Y. in the Lacona Breeders Column.

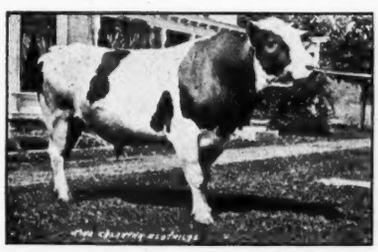
(Continued on page 84)



COLANTHA PIETERTZE PRINCE 84483

BEST BRED BULL IN NEW ENGLAND

May Clothilde Pietertze 99433 a daughter of Sir Korndyke Ward, and Buttercuy Clothilde Pietertze, has just completed a seven day record of 29.56 lbs. of butter, and 516.7 lbs. of milk at six years of age, this record makes my bull, Colantha Pietertze Prince 84483 one of the greatest bulls of the breed at the present time. He is the highest record and the best bred bull in New England today, and is a great individual. His sire King Colantha Clothilde by Colantha Johanna Lad, and out of Abby Hartog Clothilde with a record of 31.39 lbs. of butter, and 605.90 lbs. of milk, and his dam May Clothilde Pietertze, with a record of 29.56 lbs. of butter, and 516.7 lbs. of milk, and his granddam Buttercup Clothilde Pietertze, with a record of 32.92 lbs. of butter, and 576.70 lbs. of milk, make an average record for dam, and sires dam of 30.55 lbs. of milk. The average record for his four nearest dams is 32.27 lbs. of butter, and 587.75 lbs. of milk, and his two nearest dams average 27 lbs. in seven days. His dam May Clothilde Pietertze is a half sister to Mary Walker Pietertze, 31.81 lbs. She is also a daughter of Buttercup Clothilde Pietertze, 32.92 lbs. and she is the only 32-lb. cow that has had a 31-lb. daughter. His sire, King Colantha Clothilde, is also the sire of the greatest record bull in the world today, the King of the Black and Whites, whose seven nearest dams average 31.04 lbs. of butter in seven days, and the only bull in the world today whose six nearest dams are all thirty-pound cows, and have thirty-day records that average 126.-58 lbs. Abby Hartog Clothilde the granddam of Colantha Pietertze Prince has a record of 31.39 lbs. in seven days, and 129.39 lbs. of butter in thirty days, and she and her sister Buttercup Clothilde Pietertze are the only two thirty-pound cows sired



King Colantha Clothilde No. 60403

His dam's Record:
Milk, 516.6, Butter, 29.56. His dam and Sire's Dam's average record is, milk 561.30, Butter 30.55. The average record of his 4 nearest dam is, Milk, 587.75, Butter, 32.27. The average record of his 10 nearest dams is 27.11 of Butter.

Colantha Pietertze Prince No. 84483

The Sire with the milk and butter-fat backing.

A son of King Colantha Clothilde and May Clothilde Pietertze. Milk 7 days, 516.6, Butter, 29.56.

Colantha Pietertze Prince No. 84483

Mary Walker Pietertze No. 77790. (31.81)

Colantha Pietertze Prince is a grandson of a 32 lb. cow and that 32 lb. cow has produced a 31 lb. daughter who has also produced a 31 lb. daughter. Wise breeders look for young sires whose ancesters have been heavy producers.

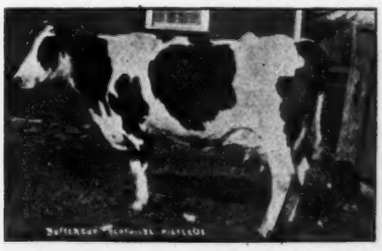
Abby Hartog Clothilde No. 62154 (31.39)

Get a sire whose ancestors have made the breed famous.
Only young bulls for sale

Firland Farm

R. G. WATEROUS, Prop.

Willimantic, Conn.



Buttercup Clothilde Pietertze No. 67747 (32.91)

by the same sire that have each produced a thirty-pound daughter. Clothilde Goudgeld Hugo, the sire of Abby Hartog Clothilde and Buttercup Clothilde Pietertze, is called by experts the greatest transmitting sire of the breed; uniting the blood of the Pietertje, Johanna, Korndyke, and Clothilde families has produced Colantha Pietertze Prince, another example of expert breeding. This bull is on my farm in Connecticut, where the first thirty-pound cow was born and developed in Connecticut. I have recently shipped a grandson of Hengerveld De Kol to Mr. E. S. Kibbe of Rutherfordton, N. C. Mr. Kibbe is in the lumber business, and also has a farm of 800 acres, on which he proposes in time to build up a herd of Holstein-Friesian cattle. This bull which Mr. Kibbe has selected to head his herd was by a good son of Hengerveld De Kol, and is a grand individual, and we expect to hear good results from Mr. Kibbe in the near future.—R. G. Waterous, Willimatic, Conn.

NEW ADVERTISEMENTS

(Continued from page 82)

Beard's Sale will be held April 15th at Cortland, N. Y.

For alfalfa hay address E. K. Munro, Pioneer Farms, Camillus, N. Y.

For information concerning the Holstein-Friesian Advanced Register Year Book-Vol. 24, see the ad. of M. H. Gardner, Supt. of A. R., Delavan, Wis.

Nice, young cows and heifers bred to a 29.7 lb. son of De Kol 2d's Butter Boy 3d. They are profit-producers. Write D. J. Hollis, Lacona, N. Y. See Lacona Breeders' Column.

A 28-lb. bull, grandson of King of the Pontiacs for sale. Sire a 37-lb. $6,000 bull and price only $150.00. Sounds like a great bargain. Better look into it.

Two 32-lb. bulls for sale. Nicely marked and fine individuals. One a year old and the other a month old. See the ad. of Chas. C. Disbrow, Worwalk, Conn.

The ad. of W. L. Keys, Deerfield, N. Y. shows a picture of the dam of a 6-months-old bull offered for sale. The dam will make a bigger record soon. A fine opportunity.

When in need of an auctioneer for your sale, examine the columns of the World. See the advertisements of Cols. J. E. Mack, B. V. Kelly and D. L. Perry.

Wanted and experienced, all around dairyman and farmer, married and

DETAILED REPORT OF THE NEW YORK STATE BREEDERS' SALE SYRACUSE, N. Y., JAN. 13 AND 14, 1914.

Consigned by A. W. Brown & Sons, West Winfield, N. Y.

K. H. S. Beryl, 2 y., F. A. Lawrence, Vernon, N. Y.	$ 400
K. H. S. Minnie D. K., 2 y., Ed Kuntzman, Homeworth, O.	280
K. H. S. Pontiac Segis, 1 y., H. G. Swartout Seminary, N. Y.	300
Lady Riverside Cornucopia, 1 y., Tranquility Farms, Allamuchy, N. Y.	235
Grace Riverside Pontiac, 6 y., John Howard, Sherburne, N. Y.	550
Total for 5 head	$ 1765
Average	353

Consigned by W. S. Hinchey, Rochester, N. Y.

Hengerveld Butter Boy De Kol, male, 7 y., Ed Kuntzman	155
Bessie Larkspur Segis Clothilde, 1 y., Ed Kuntzman	155
Daisy D. K. Segis Neth., 1 y., R. D. Lee, Cazenovia, N. Y.	145
May Prescott D. K., 5 y., Frank Sutliff, Cleveland, O.	305
Hinchey Farm Nancy, 1 y., Frank Sutliff	150
Hinchey Farm Alta Woodcrest, 3 y., W. C. Waring, Janesville, N. Y.	255
Hinchey Farm Alta Woodcrest 2d, 1 y., Ira S. Jarvis, Cooperstown, N. Y.	175
Hinchey Farm Boy, M. C., H. A. Myers, Wylandville, Pa.	75
Hinchey Farm Segis Boy, M. C., S. W. Pendergast, Phoenix, N. Y.	175
Total for 9 head	$ 1550
Average	172

Consigned by R. E. Chapin & Son, Batavia, N. Y.

Qui Vive, D. K. Pietertje, 10 y., E. E. Myers, Conewago, N. Y.	228
Ruth D. K. Buttercup 2'd Doris, 6 y., H. B. Rea, Pittsburg, Pa.	260
Lady May Mechthilde, F. P. Sutliff	155
Viola D. K. Kashman, E. E. Myers	170
Amy Veendam D. K. 2d, 3 y., J. A. Stanton & Son, New Woodstock, N. Y.	370
Total for 5 head	$ 1183
Average	236

Consigned by Henry Stevens & Son, Lacona, N. Y.

Forest View Nancy, 2 y., A. H. White, Pulaski, Pa.	250
Ada Wayne Burke D. K., 6 y., S. D. De Witt, Lacona, N. Y.	225
Lady Mechthilde D. K. Burke, 3 y., A. H. White	275
Box Elders Irene, 4 y., A. H. White	635
Lera Mutual D. K., 5 y., A. H. White	425
Clintonia 5th Fayne D. K., 5 y., J. A. Stanton & Son	435
Jewel Manor Fayne D. K., 6 y., A. H. White	500
Kelco Gertrude D. K., 4 y., Ed Kuntzman	415
Purity Pacha Merdu 2d, 4 y., J. A. Stanton & Son	460
Segis Korndyke Pledge, 3 y., J. A. Stanton & Son	520
Korndyke Butter Girl Maggie, 4 y., G. D. Frommil, High Bridge. N. J.	350
Urma Maid De Kol 2d, 3 y., A. H. White	250
Total for 12 head	$ 4740
Average	395

Consigned by W. J. Snyder, Lacona, N. Y.

Esperanto D. K. of Wendelblough, 5 y., E. E. Myers	150
Mansfield Netherland, 4 y., J. A. Stanton & Son	210
Briar Jannek Jewel, 3 y., Ed Kuntzman	225
Korndyke Butter Girl Prudy, 3 y., Tranquility Farms	200
Korndyke Butter Girl Jan, E. E. Risley, Walton, N. Y.	205
Male Calf, Tranquility Farms	95
Jarrie Minke Ophelia, Colvin & Deshane	570
Walnut Lady D. K. Jewett 2d, H. C., Colvin & Deshane	135
Brookfield Maid, H. C., Colvin & Deshane	135
Mary Jewett D. K. Maid, H. C., Colvin & Deshane	135
Suze D. K. Maid, H. C., Colvin & Deshane	135
Lovicia Jewett Maid, H. C., Colvin & Deshane	135
White Mary Mechthilde Maid, H. C., Colvin & Deshane	140
Clothilde Maike Maid, H. C., Colvin & Deshane	140
Dolly Louise Maid, H. C., Colvin & Deshane	140
Jewett Maid Sarcastic 2d, H. C., Colvin & Deshane	140
Lady Jewett Maike D. K., H. C., Colvin & Deshane	140
Fatima D. K. 2d, 7 y., Leon More, Adams, N. Y.	270
Lacona D. K. Korndyke, 1 y., I. S. Jarvis, Hartwick Sem. N. Y.	175
May Belle of Wendelblough, 1 y., A. A. Knapp, Preble, N. Y.	450
Total 20 head	$ 3925
Average	196

Consigned by Geo. A. Abbott, Cortland, N. Y.

Cherry Korndyke Pietertje D. K., 6 y., G. D. Frommel	$ 280
Bellemore Korndyke Hartog, 3 y., G. D. Frommel	310
Perfection Sadie Hengerveld, 7 y., Arthur White	230
Rhoda Caprice Korndyke, 2 y., Ira S. Jarvis	235
Lake View Bertha D. K., 4 y., Frank Sutliff	305
Her Heifer calf, F. P. Sutliff	115

D. K. Koningen Beryl 2d, 2 y., F. R. Babcock, Pittsburgh, Pa.	300
Woodcrest Rosalind, 6 y., H. B. Rea	365
Her son, H. C. Abbott, Homer, N. Y.	150
Sadie Paladin, 8 y., Ira S. Jarvis	260
Bessie Pauline Pontiac 2d, 1 y., H. B. Davis, Chester, N. Y.	380
Lois Beryl D. K. Beets 2d, 2 y., R. C. Melvin, Liverpool, N. Y.	450
K. S. P. D. K. Inka, 1 y., R. E. Haeger, Algonquin, Ill.	600
Aaggie Johanna Hengerveld, 5 y., I. S. Jarvis	550
Lady Johanna Durkje, 2 y., G. D. Frommel	240
Heifer calf, Frank Sutliff	100
Total for 16 head	$ 4870
Average	304

Consigned by W. D. Robens, Poland, N. Y.

Bull calf, Eben Richards, Oxford Depot, N. Y.	$ 2025
Alice Midwould Clothilde D. K. 3d, 2 y., E. E. Risley	205
Mertie Colantha of Belvedere, 1 y., Tranquility Farms	275
Princess Johanna Koopman, 1 y., I. S. Jarvis	205
Midland Beryl Korndyke Wayne, 1 y., G. N. Green, Cincinnatus, N. Y.	255
Julia Hengerveld Veeman Korndyke, 3 y., E. E. Risley	315
Alice Veeman Hengerveld, 4 y., Wm. Bishop, Chimacom, Wash.	1000
Belle Empress Butterfly Lulu, 1 y., Tranquility Farms	270
Total for 8 head	$ 4550
Average	568

Consigned by Henry Lathrop & Sons, Sherburne, N. Y.

Nudine Korndyke D. K., 1 y., Ed Kuntzman	$ 245
Pauline Drosky Korndyke D. K., 2 y., G. M. Green	400
Bessie D. K. Burke, 7 y., E. E. Myeres	320
Bessie Burke Hengerveld, 1 y., F. R. Babcock	395
Lydia Burke Hengerveld, 2 y., G. D. Frommel	250
Veeman Burke Hengerveld, Wm. Bishop	330
Total for 6 head	$ 1940
Average	$ 323

Consigned by John M. Howard, Sherburne, N. Y.

Westside Hengerveld Zuba, 2 y., Stevens Bros., Liverpool, N. Y.	$ 270
Westside Pietertje Madge, 2 y., H. Lathrop & Son	310
Westside Aaggie Prescott, 5 y., H. Stevens & Son	430
Westside Aaggie 2d, 2 y., H. B. Rea	470
Westside Mona Pontiac Pet, M. C., Chas. Stanley, Garrettsville, O.	225
Bessie May Flower Spofford 2d, 6 y., Geo. Abbott	425
Queen Keyes Veeman, 5 y., W. C. Waring	405
Idaline Anna Terry, 9 y., Roscoe Lee	480
Ladoga Idaline 2d D. K., 5 y., H. Stevens & Son	405
Westside Hengerveld Lodoga, 1 y., V. Schnuble, Rome, N. Y.	260
Total for 10 head	$ 3680
Average	368

Consigned by Harry B. Davis, Chester, N. Y.

Heifer calf, H. Stevens & Son	$ 130
Maple Knoll Lassie 3d, 4 y., Tranquility Farms	310
Sora Veeman D. K., 2 y., Geo. T. Williams, Glens Falls, N. Y.	305
Bowen Hengerveld Maid, 5 y., R. Stevens & Son	255
Bowen Pietje Hengerveld, H. C., H. Stevens & Son	105
Lelia Wayne, H. C., Frank Skilochi, Homeworth, O.	230
Maple Knoll Korndyke Kirtle, H. C., J. S. Brill, Poughquag, N. Y.	375
Etta Korndyke, 1 y., W. D. Robens	270
Heifer calf, F. A. Lawrence	745
King Korndyke Heng. Ormsby 15th, 1 y., E. Willets, Somerville, N. J.	250
Total for 10 head	$ 2975
Average	297

Consigned by Stevens Bros. Co., Liverpool, N. Y.

Princess Robsart D. K., 7 y., Arthur White	$ 255
Grassland Princess Pontiac, 1 y., Frank Sutliff	200
Grassland Ida Pontiac, F. P. Sutliff	250
Princess Pontiac Parthenea Burke, 2 y., Frank Skilochi	450
Princess Pontiac Clothilde Inka, 1 y., W. H. Hinchy, Rochester, N. Y.	465
Princess Pontiac Burke Clothilde, 1 y., Frank Suilir	175
Queen Pontiac Vail, 1 y., Roscoe Lee	255
Changeling Abbekerk Alche, 2 y., J. S. Brill	500
Tidy Abbekerk Princess Aline, 6 y., Roscoe Lee	460
Fanny Beauty Pietertje, 2 y., H. A. Myers, Eighty-Four, Pa.	510
Samantha Prilly of Russell Farm, 6 y., Tranquility Farms	335
King Segis Pontiac Ideal, M. C., Geo. F. Hubbs, Warner, N. Y.	1000
Milly Korndyke Wictske, 7 y., Lee Kinne, Hartwick Seminary, N. Y.	825
Calf, F. A. Lawrence	900
Total for 14 head	$ 6580
Average	$ 470

preferably with a son old enough to help. Send full particulars to A. P. Larimer, West Newton, Pa.

See the long list of large-record cows at Maplehurst Farms. Several over thirty pounds. Lamb & Langworthy, East Hamilton, N. Y. will look after your needs.

It will do you a lot of good to read the ad. of Hamilton Stock Farms, the home of the greatest transmitting families of the breed. Consider the facts presented therein in planing for your next herd sire.

Service fee of Walker Lilith Altoana at $50. His dam made world's record as a two-year-old and again at three years, the latter record being 33.6. Write Harold F. Hubbs, Kirkville, N. Y.

Why not get a bull calf with a 36-lb. average, a son of the $15,000, 44-lb. bull and out of a 28-lb. dam. Here is breeding. For pedigree and price write Quentin McAdam, 23 South St. Utica, N. Y.

For sale, Star Farm Lyons Cornucopia, the senior herd sire at Woodbury Stock Farm. His dam has 29-lb. record and he has seven fine A. R. O. daughters. Write R. W. Dennis, Jasper, N. Y.

Frank White & Son's 3d Annual Sale will be held at Hampton, Iowa, Feb. 17-18. It will be one of the best sales ever held. Write Frank White and Son, Woodstock, Ill. for a catalog.

Fairview Korndyke Lad and Inka Princess Mutual De Kol Son are the great sires at the head of Marble Valley Stock Farm herd. For bull calves by them and from A. R. O. dams, write J. H. Mead & Son, West Rutland, Vt.

Sir Veeman Hengerveld heads Pleasant Hill Herd, owned by W. D. Robens, Poland, N. Y. Read about him in the half-page ad. and then note Offering No. 1 of a son of the above bull. Write for pedigree and price.

A six year old cow, due this month by Sir Tirania Segis, whose dam is a 30-lb. daughter of De Kol Hengerveld Burke. Tuberculin tested and a good one. Also a dandy 8 months bull calf. Write H. T. Fuller, Peru, N. Y.

Spring Farm Herd is the home of the $15,000 bull, Spring Farm Pontiac Cornucopia and his full brother, King Korndyke Pontiac Lass and King Pontiac Konigen. See the ad. for mention of bulls and service fees of such great sires as the above. By Francis M. Jones, Clinton, N. Y.

Completer dispersion of two herds of Voss & Turner and W. E. Palmer,

100 head in all at the Fair Grounds, Elkhorn, Wis., Feb. 25, 1914. This is an opportunity to get some splendid animals. See the half-page ad. for information of breeding and write John G. Voss, Wis. for a catalog.

Study the breeding of Admiral Walker Pietertje, the sire of a 31.81-lb. cow and grandsire of a 31.63-lb. cow. Write for the new chart giving facts about this great sire. Bulls and bull calves of this breeding for sale. By R. E. Chapin & Son, Box C, Batavia, N. Y.

Consigned by Colvin & Deshane, Richland, N. Y.

Spring Farm Pontiac Cornucopia, male 3 y., F. Jones, Clinton, N. Y.	$15000

Consigned by J. A. Stanton & Son, New Woodstock, N. Y.

Edna of Oswego Elsie, 6 y., Arthur White	$ 330
Heifer Calf, Frank Sutliff	115
Edna of Oswega Irene, 5 y., Geo. Cook, Jamesville, N. Y.	330
Sir Hamilton De Haan, 1 y., male, Allen Bros., Chittenango, N. Y.	155
Lady Pietertje Beets 2d, 2 y., Ed Kuntzman	305
Segis Hazel Korndyke, 4 y., C. E. Trinder, Manlius, N. Y.	450
Heifer calf, C. E. Trinder	255
Heifer, 1 y., H. C. Stevens & Son	235
Clothilde Barbara 2d, 4 y., Frank Skilochi	460
Century Pet Pontiac, 1 y., Frank Sutliff	285
Century Peggy Pontiac, H. C., Frank Sutliff	230
King John Pontiac, male, 1 y., Gilbert & Washburn Bros., Elisburg, N. Y.	200
Susie Pontiac Karel Korndyke, 1 y., E. E. Risley	250
King Pontiac Jasamine, male, 2 y., E. D. Billings, Earlville, N. Y.	1850
Hilldale Pontiac Korndyke, M. C., J. H. Turner, Hebron, Ill.	1625
Burke Hengerveld Walker Segis, 5 y., H. Stevens & Son	775
Rinske D. K. Korndyke, 2 y., Roscoe Lee	600
Aaggie Cornucopia Mercedes Daughter, 7 y., R. E. Davis, Mexico, N. Y.	390
Korndyke Cameron, 4 y., R. D. Lee	250
Kekke Darkness Pontiac, 5 y., Frank Sutliff	260
Greta Grace Korndyke, 4 y., Bragdon, East Syracuse, N. Y.	285
Total for 21 head	$ 9635
Average	458

Consigned by Strickland Bros., Carthage, N. Y.

Lady Madge Ormsby, 1 y., S. C. Pendergast	$ 130
Korndyke Molly Pledge, 2 y., F. A. Lawrence	500
Pietertje Korndyke Phlcrest, 4 y., Frank Sutliff	300
Lockspur Netherland D. K. Johanna 2d, 3 y., A. H. White	225
Pauline Mercedes Rival, 1 y., I. S. Jarvis	165
Belle Fayne 2d, 2 y., Wm. Bishop	325
Total for 6 head	$ 1645
Average	274

Consigned by Wing R. Smith, Syracuse, N. Y.

Mercedes Ardena D. K. Lad, male, 3 y., M. Matheson, Geddes, N. Y.	$ 135
Grand total of 144 head	$64173
Average	445

BREEDING DAIRY CATTLE

Everything that the dairy cow has that helps or hinders, she has inherited. I think we do not realize as fully as we should just to what extent our animals do depend upon their inheritance. If we are going to keep and improve our animals we must give breeding study so that we can produce 500 or 600 or even 400 pound cows with a greater degree of certainty than now.

Endeavor chiefly to have the animal inherit capacity. Inheritance on the part of the animal's efficiency or capacity will do good deal but not everything. We do not appreciate this as much as we should in getting the best results. The fact that two animals have the same parents does not always mean that they will inherit the same characteristics. There may be an animal not so well bred but when given good care does very well. Another cow, well bred, has not done much on account of poor care. The result in both cases is not a result of inheritance. I do not care how well bred an animal is or what it ought to inherit, it must show what is in it. If it has not inherited a capacity to produce largely there is nothing you can do in the way of care and feeding to replace that inheritance. What it can produce and the limit of what it can do is always what it has inherited, if given the proper attention and care under all circumstances. Assume that to be done, then the difference is altogether the result of inheritance.

How many qualities of an inherent nature has the dairy cow? We can only speculate at the present time. This system of studying the elements of efficiency, capacity and merit, we must get hold of. We can divide the dairy capacity into digestive capacity, dairy temperament, ability to secrete fat, ability to secrete fluids, then cinstitution and finally beauty. If we can break up the dairy capacity into those six elements, we can get somewhere. I do not mean to infer that there are only six different points, as some of these might be sub-divided. Digestive capacity can be analyzed into stomach capacity, secretive capacity and others.

Just how high records are to go is useless to speculate. Not very many years ago, they never thought of a thousand pound cow. Take a thousand pound cow, she is limited in some way. What keeps her from going higher? It may be lack of digestive capacity inherited. More cows are limited by incapacity to digest food than any other one way perhaps, but some of our best cows have capacity in that respect that is all that can be desired. Perhaps they have a lack of constitution to keep up and can only make short records on that account. Another is limited in ability to secrete solids or fluids of the milk.

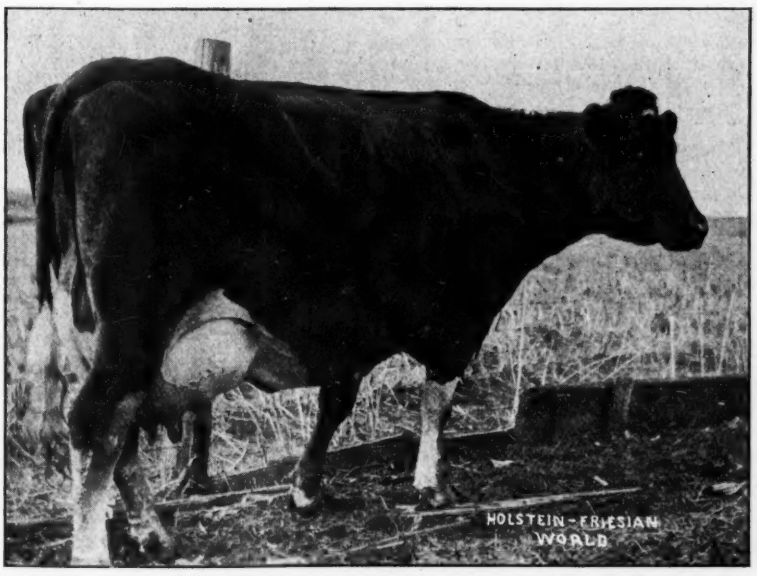
Consider what qualities make good and what qualities limit a cow. By that I mean that it is not safe to breed by records alone. While an animal may be a 500 pound cow it does not always follow that her daughter will be a 500 pound cow. In order to raise the records of the cows we have got to determine what qualities they have that help and what qualities they have that hinder. Hold the good characteristics, improve and add to them, and eliminate the points in which there is a weakuess. If we breed by records alone we will very likely be doubling up on some of these weak points.

One other thing to render breeding more scientific, to make it more certain— the progressive dairyman has ceased breeding to unproven bulls and uses mainly tested sires. Take a young sire and test him before he is used largely. Try and not bank on him until his heifers have been in milk long enough to determine their value as producers. It may sound impractical, but it is the best thing to do. The best bred and most promising sire is not valuable until he is tested. He should not be used to any extent until his heifers have been in milk, to show how well he has turned out as a breeder. It may mean great expense and trouble in keeping him around and not using him much. It is, however, very insignificant when you consider what may be gained. Many good sires go to the block before their value is known. There have been many losses in a good big herd by the use of an animal that was

a failure, and a lot of damage has been done before the fact was discovered. To prevent the use of a poor sire, the cost and trouble of keeping a sire around until he has proven good is insignificant. Even at the best it is a matter that requires courage to put into practice in the smaller herds. This may be overcome by cooperative breeding.

Constitution, vitality, vigor can be improved and strengthened and helped by breeding just as milk or fat production can be improved. There is no reason why an animal that is pampered, highly fed and cared for should decrease in production, vitality or health. With the other elements, better capacity, etc., study constitution and breed for it. It can be improved and helped just as much as any other quality. It also requires constitution to stand up under the strain of heavy production. We should strive to improve every point in which we consider our cattle to be lacking, but we must also remember that there is some danger of losing what we already have. Some breeders of Holstein cattle, for instance, endeavor to improve the percent of fat and are sometimes inclined to sacrifice on the quantity; while the Jersey men are inclined to sacrifice quality for quantity. It is a very important point to hold all the good characteristics that you have and add to them as you can, but do not try to gain one point by the loss of another. The man who is willing to sacrifice quantity for quality is going toward the other type. The first point of all is to know where the strength is and to hold that and then add what other desirable qualities you can. Do not let down on one thing to get another, better go to the other type if that is what you wish.

When we get to studying the characteristics of dairy capacity and what an animal inherits, we are bound to get into the study of blood also and there is very great danger of a breeder becoming so wrapped up in the history of the ancestors that he gets daffy on pedigree. The main thing is to breed cattle instead of a pedigree. The main problem is to use both and keep them in proper relation to each other. We are going to breed new record cows, get new standards. We shall be able to produce four or five hundred pound cows with as great a degreee of certainty as we are now able to produce trotting horses with 2:30 speed. In holding the strong qualities of some of our herds and improving the weak points, some of our men in the future may be inclined to consider the advisability in some cases of mating animals related to each other. Some have done this successfully in the past; others have not. Some have advised and others have discouraged it. Some think more about the cattle. Others seem to be sacrificing the cattle to keep the pedigree from showing line breeding. Always keep in mind that we are breeding animals rather than pedigree but sometimes it is considered better to practice a little line breeding, if you know how to do it properly, than to do otherwise. The idea, however, is not popular. Consider the elements of dairy capacity; breed cattle and not pedigree; use the pedigree in the right place and the rest will take care of itself.—Prof. F. R. Marshall, before the Ohio State Dairymen's Association.—*The Ohio Farmer.*



GERDA PIETERTJE DE KOL 95432
She is the Minnesota State Champion with a semi-official record of 806.62 lbs. butter and 19,154.4 lbs. milk. Owned by E. P. Miller & Son, Props., Evergreen Lawn Farm, Northfield, Minn.

PUBLIC SALE CALENDAR

Feb. 13, 1914—Farmers' Week Sale, Cornell Agricultural College, Ithaca. N. Y.

Feb. 24, 1914—Louisville, Ohio. Dispersion Sale. William Justice. 40 head.

Feb. 25, 1914—Elkhorn, Wis. Complete Dispersion. Two herds. 100 head. Voss & Turner and W. E. Palmer Consigners.

March 10-11, 1914—Sale Pavilion, Syracuse, N. Y. Breeders' Consignment Sale Co. Seventeenth Public Sale.

March 25-26—Sale Pavilion, Syracuse, N. Y. E. M. Hastings. 1914 sale.

April 9, 1914—Roscoe Lee Sale, Cazenovia, N. Y.

April 14, 1914—Alta, Ill. I. J. Case and J. W. Garvey.

April 15, 1914—Beard's Sale, Cortland, N. Y.

April 22, 1914—Howell, Mich. Howell Consignment Sale Co. 100 head.

April 27, 1914—Youngstown, Ohio. Complete Dispersion. Idora Place, Wm. Bakody. 90 head.

April 28, 1914—W. C. Jewel, Dispersion Sale. Kinsman, Ohio. 90 head E. M. Hastings, sale manager.

May 13-14, 1914—Sale Pavilion, Syracuse, N Y. E. M. Hastings 1914 Sale.

May 20-21, 1914—Sidney, N. Y. Tri-County Holstein-Breeders' Association. Second Annual Sale.

May 26, 1914—Worchester, Mass. Third Annual New England Breeders' Sale.

Oct. 21-22, 1914—Pavilion, Barrington, Ill. First Semi-Annual Sale of the Barrington Breeders Association.

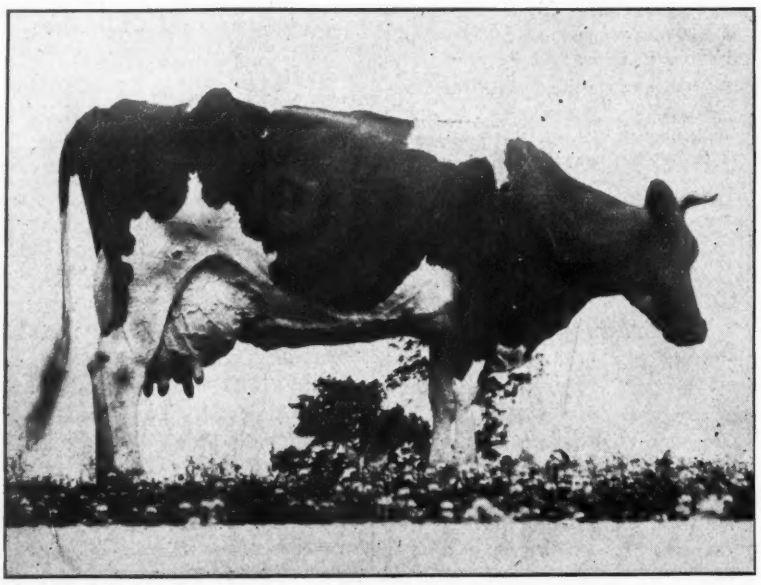
Breeders' Bulletin Board

RECORD OF BUFFALO PARTHENEA SKYLARK

Editor H.-F. World:—

I beg leave to report the completion of another excellent year record by my heifer Buffalo Parthenea Skylark. This heifer calved at 3 years, 25 days old and in the following 365 days made the record of 725.7 lbs. of butter from 18.327 lbs. of milk and was safe in calf the latter part of her test.

Buffalo Parthenea Skylark weighed more at the completion of her year and was in better physical condition than when she started. She did her work easily and is in shape to go ahead with another great year. This heifer is not only a great producer herself, but her dam as a 4 year old



INKA PRINCESS MUTUAL DE KOL 65425
A daughter of De Kol 2d's Mutual Paul and Tehee De Kol, therefore a granddaughter of De Kol 2d., Record, 33.247 lbs. butter in 7 days, 128.728 lbs. in 30 days. Bred by Geo. F. Carter, Syracuse, N. Y., owned by W. C. Hunt, Liverpool, N. Y. Now owned by A. C. Slifer, Woodward, Pa. (Designed for the Dec. 13th issue, 1913, in De Kol 2d article but received too late.)

made a record of 849 lbs. of butter in one year. This is not anywhere near her dam's capacity and I expect to start her on another year test next fall.

I consider the record of Buffalo Parthenea Skylark very creditable and feel proud to have bred and tested her.—R. B. Young, Buffalo Center, Iowa.

WORD FROM QUENTIN MC ADAM, UTICA, N. Y.

"In last week's issue of the World we mentioned the fact that Sadie Vale Concordia 3d's Hengerveld had just dropped a beautiful bull calf by Spring Farm Pontiac Cornucopia, the son of the 44-lb. cow. Since writing that letter, as every one knows, Spring Farm Pontiac Cornucopia was sold in public sale for $15,000.00, by far the highest price ever paid for a Holstein-Friesian of either sex. The dam, a 28-lb. senior four-year-old, was by Hengerveld De Kol, and from one of the best daughters of the foundation cow, Sadie Vale Concordia (30.64 lbs.), the first 30-lb. A. R. O. cow of the breed. This combination of breeding looks very good to us, and we believe King Pontiac Concordia has the right to develop into a wonderful sire."

FOURTH ANNUAL SALE OF THE CORNELL AGRICULTURAL COLLEGE

Editor H.-F. World:—

The average annual production of the seven nearest dams of Double Glista Pietje is 13579.46 pounds of milk. This bull will be sold February 13th at the Fourth Annual Sale of surplus animals of the New York State College of Agriculture.

Double Glista Pietje has a double cross of the blood of Woodcrest Pietje Ormsby, a son of Pietje 22nd Woodcrest Lad. This young bull's dam made an A. R. O. record of 15.85 pounds of butter in 7 days at 25 months and has an unofficial yearly record of 9756.80 pounds of milk. His maternal grand-dam has a 30-lb. record as a Junior four-year-old and an unofficial record of 540.29 pounds of fat (675 pounds of butter) in a year from 14325 pounds of milk. This bull and the other offerings are fully described in the catalog which will be mailed upon request.

J. B. Bain.

RICHLAND KING PONTIAC ABBEKERK

Mr. Richard Krull, Jefferson, Wis., recently visited our herd and selected Richland King Pontiac Abbekerk to head his herd. This youngster is sired by our King Pontiac Portia, who is favorably known to the readers of the World. The dam is Queen Posch Abbekerk with a record made at 3 years of 16.74 lbs. Her sire is a full brother to Alta Posch former World record two-year-old with 27 lbs. to her credit. Her dam is Queen De Kol 3d, 21 lbs. Her dam Queen De Kol 16.67 lbs. is a daughter of De Kol 2d Netherland.

This calf is a nice straight individual and as his dam made her record about 10 years ago we feel that she is much better than the record would indicate. She is still doing service at the pail and is one of the best preserved cows we ever saw. Mr. Krull is sure to get some very fine stock from this bull.

C. C. Fries & Son.
By F. B. Fries.

PURCHASED TWENTY-FIVE HEAD

Editor H.-F. World:—

We have recently purchased 25 cows and heifers. The majority of these have good A. R. O. Records. We bought from H. A. Moyer, King Walker Segis 2d, whose 5 nearest dams average 30 lb. each of butter at 1 year 11 months and 20 days. He weighed 1670. We expect to get some good daughters as he is a fine individual. He is a grandson of Blanche Lyons Netherland and Segis Beauty (28.24 at 3 y.) His dam has a 27.72 lb. record. He combines the blood of Blanche Lyons and Prilly.—Mason and Candee, Creskany Falls, New York.

DISPERSION SALE AT IDORA PLACE

"The simple announcement of the Dispersion Sale at Idora Place is already attracting considerable attention. From now on no animals will leave the herd, but every one of them will be offered to the public on April 27th.

Prince Korndyke Hengerveld Ormsby, my new herd sire, will be sold with the rest. He is 75 per cent full brother to King Korndyke Hengerveld Ormsby, the $7,500.00 Stevens bull. His dam, Gracie De Kol Ormsby, (33.32 lbs. butter in 7 days, 131 lbs. in 30 days and 108 lbs. in one day) is half sister to Pietertje Maid Ormsby—the first cow to make 145 lbs. butter in 30 days. His sire is Sir Korndyke Hengerveld De Kol, who is also sire of the Stevens bull.

Sir Fayne Concordia's calves are coming fast now and they are certainly a fine lot. It seems too bad to part with them and their dams, many of which have fine A. R. O. records and all are splendid individuals, but now the City has extended its borders to include all of our beautiful farm, and the four hundred millionaires of our city are clamoring for beautiful sites upon which to erect their mansions, which means that our black and white beauties must move, and so, whatever loss may be suffered by parting with these profitable animals will be the buyer's gain, and we can only hope they may help others as they have helped us.

Our farm and Holsteins are practically all we have of this world's goods, but without the Holsteins we should have had to part with the farm long ago, as they alone have made it possible for us to hold this high-priced land during these years of rapid increase in values, with its ever-increasing taxes and other expenses running up to the limit of endurance. Surely, without these wonderful cattle we might have found it utterly impossible to operate and hold this farm which has grown to be worth more than $2,000.00 per acre, and more than that, they have given us modern buildings and equipment, with electric lighting and complete water system, a large beautiful dwelling with every convenience and comfort found in any city home.

Great are the Black and Whites!"

Wm. Bakody.

Youngstown, Ohio.

"We never miss the water till the well runs dry," indeed, Some of us don't know water when we see it.

Alfalfa Hay
FOR A. R. O. TESTS
PIONEER FARMS
E. K. MUNRO Camillus, N. Y.

DOWNING FARM HOLSTEINS

$75 buys bull born June 1913, dam an untested granddaughter of Hengerveld De Kol. Also 2 grandsons of King of the Pontiacs out of yearly record cows, one ten the other twelve months old, and several younger bulls of choice breeding with or without A. R. O. dams.

DR. M. W. DOWNING & BROTHER
Waukesha, Wis.

HOLSTEIN-FRIESIAN ADVANCED REGISTER YEAR BOOK —VOLUME 24

This book of a thousand pages, the first complete compendium of Holstein-Friesian records published by the Advanced Registry Office, contains important information that will not be repeated in future volumes. It is, therefore, indispensable to the breeder who cares for a means of convenient access to the figures for all the official milk and butter records of the breed.

It contains a complete list of all sires, with all daughters that have been admitted to Advanced Registry from the commencement of official tests up to May 1, 1913, with their records. Also lists of the producing sons and daughters of such sires; a complete list of dams of two or more A. R. O. daughters, the daughters' records and the producing sons and daughters of such cows; lists of twenty-five leading animals in each of the seven classes of the four prize divisions, price lists, list of cows tested during that year, with their records, etc.

A limited number of volumes still remaining. Price to members of the H.-F. Association admitted on or before June 2, 1913—$1.00; to all others —$2.00, prepaid.

Address—M. H. Gardner, Supt. of Advanced Registry, Delavan, Wis.

WALKER LILITH ALTOANA

is the only bull in the world whose dam ever made a World's Record as a two-year-old, and again as a three-year-old, her two records averaging over 30 lb. Her 3-year-old record is 33.6 lb

Service fee—$50.00.

HAROLD F. HUBBS :-Kirkville, N. Y.

BEARD'S SALE

CORTLAND, N. Y.

APRIL 15TH.

FOR SALE BULL CALF.

Sire, Colantha Sir De Kol Korndyke by Colantha Johanna Lad, out of Susie De Kol Paul 2d (31 lbs. 7oz. in 7 days.) Dam, Daughter of Colantha Johanna Lad and Ybma 3d's Pledge Clothilde (30 lbs. in 7 days) and half sister to Dutchland Colantha Vale, world's record two-year-old, 22600 lbs. milk in one year. This calf's four nearest tested dams average 31.68 lbs. of butter in 7 days. PRICE $125.00.

W. L. MOSES, Meriden, Conn.

WILL THIS ONE DO

His sire is by **"Dutchland Sir Pietertje Hengerveld"** and his Sires dam is a daughter of the worlds record cow "Creamelle Vale." His dam is a daughter of a 29 pound bull and a 21 pound dam. This is a beautiful calf and will be sold for much less than he is worth. Send for pedigree.

BEACH & WIRT, Battle Creek, Mich.

YOUR HOLSTEIN SALE
needs

MACK

Always on the job—for RESULTS.
In the box or in the ring.
For dates address
COL. J. E. MACK
Ft. Atkinson Wisconsin.

Holstein Auctioneer

To insure the success of your sale you need Kelley in the box
For dates write

COL. B. V. KELLEY Syracuse, N. Y.

Col. D. L. Perry

THE
HOLSTEIN AUCTIONEER
I also sell satisfaction.
Columbus, Ohio.

A 36-lb. Average

King Pontiac Concordia
Born Dec. 23, 1913.
Faultless in conformation, handsomely marked.

Sire—Spring Farm Pontiac Cornucopia—the $15,000.00 son of the only 44-lb. cow.

Dam—Sadie Vale Concordia 3d's Hengerveld.

At 4 yr. 10 mo.:

Butter 7 days	28.46
Milk	494.30
Average per cent fat	4.61
Mutter 30 days	112.77
Milk	2018.40
Average per cent fat	4.47

She was by **Hengerveld De Kol,** and from Sadie Vale Concordia 3d, naturally one of the very best daughters of the first 30-lb. cow, Sadie Vale Concordia.

Averages—The two nearest dams average,—

Butter 7 days	36.32
Butter 30 days	142.13

King Pontiac Concordia is not an experiment.

For pedigree and price address.

QUENTIN McADAM 23 South St.
Brothertown Farms Utica, N. Y.

LACONA BREEDERS

(See ad of Henry Stevens & Son, on back cover page.)

BROOKDALE HERD, two miles north of Lacona, is a breeder's herd, and has only its own surplus to offer. This herd was built up from good foundation stock purchased from Henry Stevens & Son, and has always been headed by high class bulls, the present herd sire being a son of King Pontiac Artis and from a 25-lb. dam. A few calves and heifers usually for sale.

J. D. Hagan, Mannsville, N. Y.

HOMESTEAD HERD

The blemished cows previously advertised are sold. We can now offer some extra nice young cows and heifers, right in every way, bred to Albina Butter Boy—the 29.7-lb. son of De Kol 2d's Butter Boy 3d. These are the profit-producing kind. Their next calves will be worth nearly as much as we are asking for the cows themselves

D. J. HOLLIS Lacona, N. Y.

PINE RIDGE FARM offers a bargain in a beautiful young bull, largely white, by a 27-lb. son of Korndyke Butter Boy, and from a splendid producing cow now in test with over 18 lbs. to her credit, and gaining every day. First check for $35.00 takes him.

A. T. Blount, Lacona, N. Y.

WHEAT HILL HERD'S consignment to the January 13-14 Syracuse Sale includes ten remarkably promising heifer calves, all straight, typical, handsomely marked youngsters of uniform build and breeding. In this consignment is also a son of Korndyke Butter Boy, coming a year old, from a 20-lb. dam—a show bull good enough to head a good herd.

W. J. Snyder, Lacona, N. Y.

AT THE EDGE OF THE VILLAGE OF Lacona is a herd worth looking into. Its members are fine individuals of considerable breeding, and many of its females have been bred to Henry Stevens & Son's great young bull, Spring Farm King Pontiac 6th. Next spring we may have some calves of this breeding to offer for sale.

Jay Bettinger, Lacona, N. Y.

REGISTERED and GRADE HOLSTEINS always for sale in a herd of producers. We aim to handle only the profitable kind—fine individuals and heavy milkers. Our cows are not crowded for records, but they will make records for the buyer.

R. D. Reynolds, Lacona, N. Y.

LACONA HERD, headed by Jewel Korndyke Butter Boy, a son of De Kol 2d's Butter Boy 3d from a 26-lb. daughter of Pontiac Korndyke, next dam a 30-lb. daughter of Hengerveld De Kol and full sister to Pontiac Artis, 31.71 lbs., these two sisters averaging over 1000 lbs. butter each in yearly test.

We have a few cows bred to the 44-lb. bull, Spring Farm Pontiac Cornucopia.

B. E. Mead, Lacona, N. Y.

SON OF THE 44-LB. $15,000.00 BULL.

Spring Farm Pontiac Cornucopia—Dam is Jewel Johanna De Kol 2d 102,-230. Has just completed a 7-day record of 21.76 lb. butter. Gave over 80 lb. milk in a day.

Calf is 6 mo. old.

The records of his dam and sire's dam average **32.97 lb.**

A bargain bull.

COLVIN & DESHANE--Richland, N. Y.

BELLEVUE HERD, headed by King Pontiac Artis Prilly, a son of King Pontiac Artis (one of the very best sons of King of the Pontiacs), from a great producing daughter of King Prilly. The herd is composed largely of daughters of the herd sire, Woodcrest Aaggie Jewel Son, and Prince Prilly Gelsche, whose three nearest dams average over 29 lbs. Visitors are always welcome.

H. A. Prescott, Lacona, N. Y

A Grandson of Pontiac Korndyke

A bull calf sired by a full brother in blood to King of the Pontiacs and out of a good A. R. O. cow. Prices from $50 to $100 according to size of dam's record. You can't get as near King of Pontiacs anywhere for less than 10 times this price. Send for Photo

John J. Walrath

East Springfield :: :: New York

The 1914 Guaranty Sale

SYRACUSE, N. Y., MARCH 25-26, 1914

A continuation of a notable series,—The Midwinter Sale—The Dairymen's Sale—The 1913 Sale—The Dairymen's Guaranty Sale.

For the coming sale we can accept only GOOD animals that can be sold subject to the regulations governing the recent Dairymen's Guaranty Sale.

Still room for a few more consignments of this character.

E. M. HASTINGS, Sale Manager —:— —:— Laconia, N. Y.

MUST SELL

to make room for my rapidly increasing herd Six (6) heifers. Age from a few days to 15 months. Good individuals, best of breeding.

One a granddaughter of King of the Pontiacs born Nov. 26th, 1913. Also several well bred male calves. Prices very reasonable.

L. D. MARSHALL R. D. 1. Louisville, Ohio

VALLEY VIEW STOCK FARM

Offers a bull calf born Nov. 14, 1913. The dam of the calf is a granddaughter of King of the Pontiacs and has a record of 19 lbs. in 7 days as a Jr. two-year-old, and 76 lbs. in 30 days. The sire is a grandson of King Segis whose dam and sire's dam average 31.63 lbs. in 7 days. For price write

S. B. Taylor, Canastota, N. Y.

The Asylum Herd

We raised and developed Pontiac Korndyke and Hengerveld De Kol, and our herd chiefly consists of daughters and granddaughters of the above celebrated sires. Do you want a bull calf carrying this breeding? If so, send for pedigrees and prices.

PONTIAC STATE HOSPITAL
Pontiac, Michigan

ORRVILLE HERD.

Registered Holsteins. Write your wants

Aron Hursh, Orville, Ohio

FOR SALE

MAPLE VALLEY PONTIAC KORNDYKE
Born January 24th, 1912.

Sired by one of the best sons of Pontiac Korndyke. Dam 22.61 lbs. Jr. three-year-old, whose sire is a grandson of Johanna De Kol Van Beers 40.07 lbs. Reason for selling, I have a young son of Pontiac Korndyke from the same heifer.

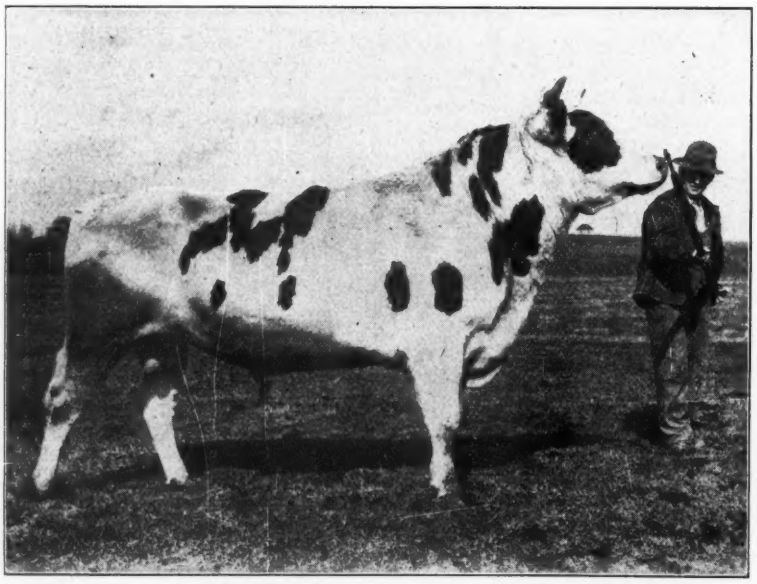
Send for pedigree and price.

ALLEN G. BROMLING,
Morristown, New York.

BUTTER BRED HOLSTEINS

Bull calves for sale from A. R. O. cows, sired by Emblagaard Tritoma Homestead 91786. Dam A. R. O. 30.49 lbs. in 7 days. Test 5.28 per cent fat.

W. H. ASCOTT,
Sparta :: :: :: Wis.



KING LYONS 71155

Moyerdale Herd Sire the Successor of the Great King Segis

Moyerdale Farm, the home of the greatest producing cows of the Black and White breed.

Moyerdale Farm, the home of the great King Segis, the greatest 9 year old sire and grand sire of the breed. 82 officially tested daughters, 365 officially tested granddaughters, 447 officially tested daughters and granddaughters.

KING LYONS NO. 71155. BORN MARCH 23, 1910.

His first seven dams in the first four generations have seven-day records that average 30.26 lbs. each. **Sire, Colantha Johanna Champion 45674,** a son of **Colantha Fourth's Johanna.** Butter, 7 days, 35.22 lbs. Her sons have sired the following World Record Heifers:

Colantha Johanna Champion—the sire of:
Woodcrest Colantha Pietje, milk 20859.7 lbs. at one year, a World Record.

Colantha Johanna Lad, the sire of:
Dutchland Colantha Vale, a junior two-year-old, milk 22,750.2 lbs. one year, a World Record.
Dutchland Colantha Mona, a junior three-year-old, milk 22645.6, one year, a World Record.
Dutchland Changeling Colantha Lad, a junior three-year-old, butter 945.0 one year, a World Record.

What more could you ask of the sons of any one cow.

The dams of the following 30-lb. cows appear in the breeding of King Lyons:

Grace Fayne 2nd Homestead 33.55
Colantha 4th Johanna 35.22
Betty Lyons Netherland 34.71
Blanche Lyons Netherland 34.36

By request I will be pleased to send you by mail a large sized, beautifully gotten up tabulated pedigree, printed on linen back paper showing photographs of the great ancestors which are contained in the breeding of King Lyons.

Only two sons of King Lyons are left for sale, a few other choice bred bull calves.

H. A. MOYER, Syracuse, N. Y. WM. B. SIMPSON, Supt.

Milford Meadows Stock Farm
HOLSTEINS
FAVILL GROVE, LAKE MILLS, WIS.
Breeders of staple cattle from high porducing families. Developers under normal conditions. Some surplus usually on hand.
H. B. Favill, Prop., H. W. Faville, Mgr.

THE TRAVERSE HERD
BULL CALVES FOR SALE from ADMIRAL WALKER COLANTHA, whose four nearest dams average:—Butter, 7 days, 32.83 lbs.; 30 days, 131.85 lbs., and from TRAVERSE BELLE LAD, who is from a 30.115 lb. daughter of PONTIAC BUTTER BOY.
Fifty-two A .R. O. cows in herd, most of them daughters or granddaughters of Pontiac Butter Boy or Homestead Hengreveld Crown De Kol.
Write for pedigrees and prices.
TRAVERSE CITY STATE HOSPITAL,
Traverse City, Michigan.

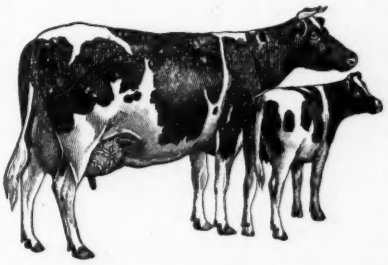
OUR POLICY
Is to sell animals for just what they are. Our stock is bred for size, production and quality. We have some **GOOD** ones.
W. H. HORSTMANN
R 2. Schenectady, N. Y.

KEYSTONE FARM
Offers a bull ready for service from a 19.65-lb. dam, also a bull calf, born Sept. 26, 1913, seven-eighth white, from a 22½-lb. dam. Sire, Prince Segis, Korndyke, Jr., whose dam has a record of 109.6 lbs. milk in one day, 719 lbs. milk, 30.54 lbs. butter in 7 days. For description and prices write:
C. A. PRATT, LeRaysville, Pa.

SPRINGVALE STOCK FARM
"THE HOME OF THE JOHANNAS."
If in need of a bull calf this winter, do not fail to investigate the breeding of one sired by King Peter Lyons and out of a daughter of Colantha Johanna Champion. A combination of breeding surpassed in no herd in the world.
W. J. GILLETT & SON,
Rosendale, Wisconsin.

Why Farmers Prefer Holstein Cows' Milk

In Bulletin No. 66 of the U. S. Public Health Service, Dr. Schereschewsky says:
"In fact, this action of fat in making curds large and indigestible by reason of their excessive fat content has long been known to dairymen, as they are well aware of the fact that Jersey cows often cannot nurse their own calves by reason of the excessive richness of their milk."
Dairymen have been quick to apply this knowledge to the feeding of their own babies and to see that as soon as the advantages of Holstein milk are generally known, it will be in universal demand.



So all through the more progressive dairy sections, enterprising farmers are turning their attention to the raising of registered Holstein cattle, realizing that the day will soon be here when it will be almost impossible to buy them.
Send for our free literature. It contains the opinions of many leading physicians who advocate Holstein milk for infant feeding.

HOLSTEIN-FRIESIAN ASSOCIATION
BOX 182 BRATTLEBORO, VT.

Complete Dispersion Sale

100-Purebred Advanced Registry Holstein Cattle-100

Two Complete Herds at Elkhorn Fair Grounds

FEB. 25, 1914. ELKHORN, WIS.

Consignors—Voss & Turner and W. E. Palmer both of Elkhorn.
These herds contain 30 cows with excellent A. R. O. records: 16 from 20.25 to 27 lbs. in 7 days; 8 with good yearly records.
Containing the blood of De Kol 2d's Butter Boy 3d, Paul Beets De Kol, Friend Hengerveld De Kol Butter Boy, Pontiac Aaggie Korndyke, Admiral Walker Pietertje and Belle Korndyke.
Over 20 daughters, all out of record Cows, sired by Lakeside Model Alban, whose dam De Kol 2d's Alban De Kol holds TWO WORLD'S RECORDS for age. She is the Maternal head of the Prominent MODEL FAMILY, so noted for GREAT PRODUCTION, HIGH FINISH AND SHOW RING QUALITY—combining individuality with great production as no other family of the breed. These heifers are as beautiful a lot as it is possible to find anywhere.
About 15 daughters of Pleasant Hill Veeman Korndyke who is a Grandson of Pontiac Artis A. R. O. 7 days 31.71. 365 da. 1076.91 and Sir Veeman Hengerveld the bull who has more 30 lb. daughters than any other living sire. He is one of the great-est sires of the day.
A beautiful lot of males, some large enough for service, sired by the above bulls and out of cows with great breeding and large records.
If you are in the market for Holsteins this is an opportunity you cannot afford to miss. The herds represent careful breeding, selecting and developing for a period of many years and contain animals that would before not be priced to any one. The herds are free from Contageous abortion and tuberculosis. They are straight and right as far as known and will be guaranteed as represented in the sale ring.

Write for catalog to John G. Voss, Elkhorn, Wis. Catolog out Feb. 10.

Auctioneers: J. E. Mack, Ft. Atkinson, R. E. Haeger, Algonquin, E. F. Costigan, Elkhorn.

FAIRVIEW FARMS HERD

STILL HAS

a few splendid young bulls sired by PONTIAC KORNDYKE, or RAG APPLE KORNDYKE 8TH, and out of cows with records from 20 pounds as two-year-olds, to 33.75 lbs. at full age. REMEMBER, the few sons of Pontiac Korndyke still in our herd are the last that will be for sale. Do you want one? LOOK UP THE RECORD OF HIS SONS AND SEE WHAT THEY ARE DOING AS SIRES. Pontiac Korndyke is the greatest producing sire of the breed that has ever lived, through his sons alone, and you know what his daughters have done.

E. H. DOLLAR **HEUVELTON, N. Y.**

FOR SALE

Bull calf, born Sept 10, 1913. Sired by a son of **Pontiac Aaggie Korndyke** from a 25-lb. daughter of **Friend Hengerveld De Kol Butter Boy.** Dam a good producing, untested cow. Price $75.00 if taken very soon.

C. C. FRIES & SON,
Richland Center, Wisconsin.

King Pontiac Asia 58042

He is a son of **King of the Pontiacs** and **Pontiac Asia** (A. R. O. 26 lbs. butter in 7 days, 742 lbs. in 336 days), who is three-fourths sister to Pontiac **Pleone** (26 lbs. in 7 days, 925 lbs. in 346 days)—both sired by **Hengerveld De Kol. For Sale**—bull calf from **Johanna** cow (22-lb. jr. 2-yr.-old) and by above herd sire.

M. F. PECK & SONS, Marshall, Wis.

MAPLEMONT FARM

Offers a bull calf born last June. Sire, Pontiac Korndyke 25982; Dam, a daughter of King Pontiac Artis 63994, 14 lbs. butter at 1 year, 11 months. This calf is dark in color, a good individual and well-grown. The first check for $600 will be accepted. F. O. B. cars, here.

J. W. PRENTISS & SON, Alstead, N. H.

Grandsons of Pontiac Korndyke

All from A. R. O. dams.

Write for pedigrees, photographs and prices to

HARTWOOD FARMS,
E. K. Magee, Supt., Barrington, Ill.

OAK GROVE STOCK FARM

Offers for sale Holstein Bulls ready for service. Nicely marked. Sired by Johanna Bonheur 2d Segis, a grand son of Johanna Bonheur and Johanna De Kol Van Beers, the 40-lb. cow and King Segis backed with from 3 to 7 yearly records from 500 to 890 lbs. butter and every cow in their pedigree with 7 day records. And a few heifers.

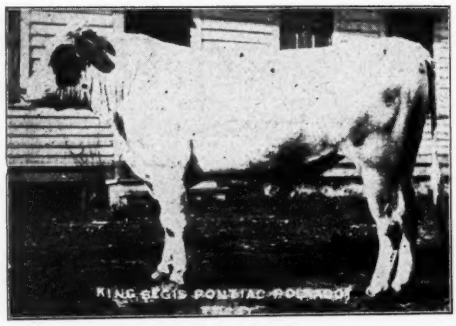
Tompkins Wright, Waupun, Wis.

THIS PICTURE shows a daughter of **DE KOL 2ND'S BUTTER BOY 3RD. A. R. O. record** 22 lbs. made after a serious illness. She being unable to stand on her feet for a week. Will be given a test in March next and will greatly increase her record. I am offering a beautiful marked son of this cow, Born May 3, 1913.

Price an pedigree sent on application.

W. L. KEYES. DEERFIELD, N. Y.

KING SEGIS PONTIAC POLKADOT, 75347



A Bull of $10,000 Quality

King Segis Pontiac Polkadot 75347, a full brother in blood to King Segis Pontiac Alcartra 79602, who sold at the Breeders Consignment Sale at Syracuse, N. Y., in June, 1910, for $10,000 the highest price ever paid for a Holstein-Friesian bull at public auction, stands at the head of the Uneeda Korndyke herd of Holstein-Friesian cattle. Young bulls nearly ready for service from cows of the choicest of breeding now offered for sale. Write for pedigrees and prices.

Uneeda Korndyke Herd

F. J. Bristol & Sons Co. Oakfield, Wis.

A Good Chance to Get Good Bulls

The Annual Sale of Surplus Animals of the New York State College of Agriculture, February 13, 1914, will include Woodcrest Pietje Ormsby, 54909, 5 years old; sire of seven A. R. O. daughters; sire, Pietje 22nd's Woodcrest Lad; dam, Pauline Ormsby (A. R. O. 26.87, semi-official, 827.31); also, Junior Student, born February, 1913, by Woodcrest Pietje Ormsby, out of Glista Ernestine (Junior 4-year-old, A. R. O. 30.512; 30 days,123. 69); also, Double Glista Pietje, born December, 1912, by Cornell Countryman, out of Glista Fenella, daughter of Glista Ernestine (Junior 2-year-old, A. R. O. 15.85), and half a dozen other younger calves, by Woodcrest Pietje Ormsby, out of dams with good advanced registry backing. Catalogues ready January 15th. Address **H. H. WING, Cornell University, Ithaca, New York.**

Hamilton Stock Farms

The only three generations of cows in the world, that have each made over 31½ lbs. butter in 7 days were bred, raised and developed here.

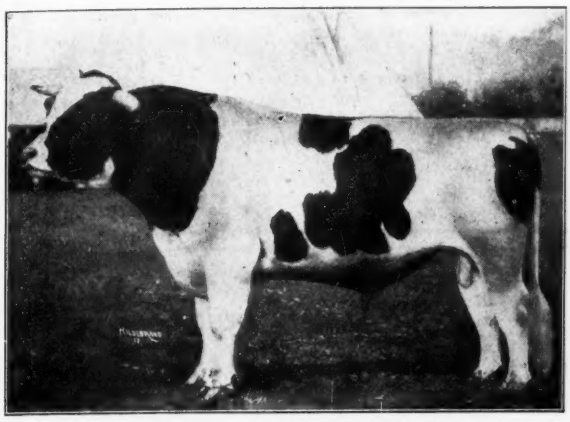
Bull calves for sale with more 30-lb. dams in their pedigrees than in any other herd in the world.

HAMILTON STOCK FARMS, HAMILTON, N. Y.

A. A. HARTSHORN, Prop. **I. U. SCOTT, Mgr.**

The Two Great Herd Sires at Emblagaard

Colantha Johanna Champion 45674



COLANTHA JOHANNA CHAMPION 45674

A SON OF

Colantha 4th's Johanna 48577, the most famous dairy cow of the world and the only cow to hold all the world's records at one time.

Butter, 7 days	35.22
Butter, 30 days	138.54
Butter, 60 days	260.50
Semi-official yearly record:	
Butter	1247.82
Milk	27432.50
Per cent fat	3.64

Dam of Colantha Johanna Lad, 60 A. R. O. daughters including three world's record heifers. He was sired by Sir Fayne Concordia 35227, a son of Homestead Jr. De Kol and a brother of Grace Fayne 2d's Homestead, 35.55 lbs. in 7 days.

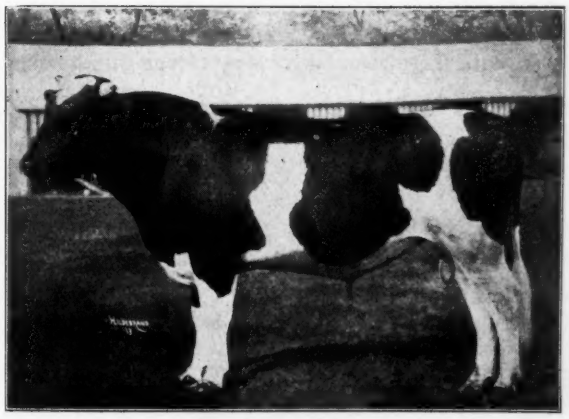
COLANTHA JOHANNA CHAMPION is the sire of 22 A. R. O. daughters including three 20-lb. junior two-year-olds, and the world's record heifer Woodcrest Colantha Pietje, the one year and eleven months old heifer that produced 20859.7 lbs. of milk and 799.52 lbs. of butter in one year. His sons are at the head of some of the greatest herds in America.

We are breeding him at Emblagaard to cows with yearly records of from 750 to 1,000 pounds of butter.

Calves backed by great yearly averages will result.

Emblagaard Prince 80596

The product of the most consistently productive breeding ever seen in an extended pedigree. He is a son of SEGIS WALKER PIETERTJE 111684 whose record at 3½ years is 27.85 lbs. of butter in seven days. She made three records averaging 26.42 lbs. before she was four years old, a world's record. She is a daughter of the great King Segis out of Ruby Walker Pietertje 30.21, a daughter of Lillian Walker Pietertje, 30.01, a daughter of Beauty Pietertje 30.51 in turn a daughter of the great transmitting cow Prilly. These five cows hold the world's record for four and five generations. Only one other family of the breed can show three generations of 30-lb. cows. The son of Emblagaard Prince is KING COLANTHA CLOTHILDE 60403, a son of Abby Hartog Clothilde, 31.39 lbs. by COLANTHA JOHANNA LAD, the son of Colantha 4th's Johanna, 35.22 lbs. shown above.



EMBLAGAARD PRINCE 80596

All of the tested dams of Emblagaard Prince for 5 generations (12 out of 15) average 28.75 lbs. butter in 7 days. All of his daughters will be kept at Emblagaard and officially tested with first calf.

EMBLAGAARD DAIRY,

BIG BAY, MICHIGAN.

MAPLEHURST FARMS

HOME OF

Lilith Altoana De Kol 3½ yr.	33 60
2½ yr.	27 08
Jacoba Hartog Canary 5 yr.	30 81
30 days	119 59
Canary Lilith Daisy 4 yr.	30 39
30 days	124 35
De Kol Boon Lilith 6 yr.	30 22
Lilith Altoana 5 yr.	28 99
De Kol Veeman Lilith 4½ yr.	28 29
Beryl De Kol Boon 6 yr.	27 57
30 days	110 93
60 days	196 56
Canary De Kol Susie 4 yr.	26 88
30 days	103 98
Lilith Beryl Altoana 6 yr.	26 30
Altoana De Kol Beryl 5 yr.	25 21
30 days	100 08
Lilith Canary Hartog 4 yr.	24 05
Walker Beryl Altoana 3 yr.	22 21
Walker Lilith Weigand 2 yr. 1 mo.	20 64
30 days	79 04
60 days	143 81
100 days	220 63
World's Record	
Walker Lilith Altoana 2 yr.	20 00

and many other cows with fine records.

Tell us your needs and we will send pedigrees and prices.

We have a few bulls from high record cows for sale.

Lamb & Langworthy **East Hamilton, N. Y.**

WORLD'S GREATEST YEARLY RECORDS

FOR

MOTHER AND DAUGHTER

Our MAPLECREST PONTIAC FLORA HARTOG has just completed a yearly record of about 1231 lbs. of butter.

She is a daughter of HIGH-LAWN HARTOG DE KOL with a yearly record of 1247.925 lbs. of butter.

These are by far the greatest yearly records ever made by mother and daughter.

MAPLECREST PONTIAC FLORA HARTOG is a daughter of our junior sire, Pontiac Aaggie Korndyke.

High-Lawn Hartog De Kol is a daughter of our senior sire, Friend Hengerveld De Kol Butter Boy.

Both trace back all the way through the females to our great foundation cow, EUPHRASIA A.

MAPLECREST FARM

DAN DIMMICK & BRO., Proprietors

OFFICE at Kalamazoo, Mich.

Telephone connection between Farms and office

FARMS at E. Claridon, O.

Kindly address all correspondence to Kalamazoo, Mich.

29-lb. Proven Sire of Great Quality

To avoid inbreeding I will sell my senior herd sire

Star Farm Lyons Corncupia No. 61928

He has 7 A. R. O. daughters, one a **21-lb.** junior 2-yr.old, with an **88-lb. 30-day** record; one an **18-lb. yearling.** All of his daughters are good testers, the entire seven averaging over **four** per cent fat.

SIRE—**Lyons Hengerveld Count De Kol,** whose dam is a **34-lb.** daughter of a **34-lb.** cow. He has 15 A. R. O. daughters, all good ones. Dam—**Star Farm Aggie Cornucopia,** who was by a son of the first **34-lb.** cow, and from a **23-lb.** daughter of the **29-lb.** cow, **A. & G. Inka McKinley.**

The six nearest dams of **Star Farm Lyons Cornucopia** (including one junior 2-yr-old) average 28.51 lb.

Write for pedigree and price. Of course you will want to come and see his daughters, of which a large number are in the herd.

WOODBURY STOCK FARM **R. W. DENNIS, Jasper, N. Y.**

N. B.—We offer a yearling son of **Star Farm Lyons Cornucopia,** from a dam with records of 31 lb. butter, 606 lb. milk in 7 days; 121.67 lb. butter, 2548.6 lb. milk in 30 days. He is a dandy, ready for immediate service, and good enough for anyone.

Also—A few yearling heifers and A. R. O. cows.

FRANK WHITE & SON'S 3rd ANNUAL SALE

at HAMPTON, IOWA

February, 17-18, 1914

130 HEAD

The Best Breeding Ever Offered in a Public Sale in the West

All Registered and Tuberculin Tested by Asst. Iowa State Veterinarians. Includes the dispersion of the entire herd of T. W. Rogers, Humbolt, Iowa.

CONSIGNORS:

Groveland Stock Farm, Woodstock, Ill.
C. S. Mulks, Riceville, Ia.
A. W. Haeger, Algonquin, Ill.
Riverside Stock Farms, Algonquin, Ill.
W. B. Barney & Sons, Chapin, Ia.

MALES:

A son of King Segis Pontiac out of a 19-lb. daughter of Paul Beets De Kol.
A son of Johanna McKinley Segis out of a daughter of Lord Netherland De Kol with a record of 15..40 as a 2-yr-old.
A son of King Korndyke Hengerveld Ormsby.
A grandson of Colantha Johanna Lad.
A 2-yr-old grandson of Pontiac Korndyke Hengerveld De Kol.
A son of King Pontiac Artis.
Several yearling bulls ready for service from extra choice dams and sires.
First prize yearling and junior champion bull at Forest City Fair Cleveland, Ohio; Ohio State Fair; Tri-State Fair, Memphis, Tenn., and Tenn. State Fair, Nashville, Tenn. in 1913.

FEMALES:

26-lb. cow, bred to Pontiac bull.
A granddaughter of Hengerveld De Kol out of a 26-lb. cow and bred to the best son of King of the Pontiacs.
2 granddaughters of Paul Beets De Kol from a 30-lb. son of Paul Beets De Kol.
Several daughters of Woodcrest Hengerveld De Kol, the best son of Hengerveld De Kol.
3 granddaughters of Johanna Clothilde Clyde.
Granddaughters of Pietertje Hengerveld Count De Kol.
Daughters of Small Hopes Johanna Sarcastic Lad.
Granddaughters of De Kol 2d's Alban.
3 daughters of Copia De Kol Spofford.
2 granddaughters of Sir Manor De Kol.
A granddaughter of Homestead Jr. De Kol. (She is a show cow.)
4 granddaughters of Jessie Maida Paul De Kol.
2 granddaughters of Sir Manor De Kol.
Several cows bred to Colonel Beets Segis (33-lb. son of King Segis.)
Several cows bred to King Segis Pontiac.
A cow bred to Sir Pietertje Lyons Hengerveld.
Cows bred to the best bulls of the breed.

FOR CATALOG WRITE

Frank White & Son's Woodstock, Ill.

Spring Farm King Pontiac 6th has made a start. Below is a letter we just received from Mr. Potter, of whom we bought Spring Farm King Pontiac 6th.

Conway, N. H. Dec. 22, '13.

Henry Stevens & Son
Lacona, N. Y.

Gentlemen: — Perhaps you will be interested to know that the first calf sired by Spring Farm King Pontiac 6th. is a beautiful heifer, straight as a line, splendid legs, well marked, 2-3rds. black. Her dam has a twenty-three pound record, also grandam twenty-three pound and a great grandam twenty-two pounds.

This calf is a picture of the fourty-four lb, cow.

If this calf is only a fair sample of what the bull will leave, there is no doubt of his future greatness.

Yours very truly
JOHN E. POTTER

Our first cows are due to calve by Spring Farm King Pontiac 6th in February, several of the early ones are in the Breeders' Sale at Syracuse January 13-14.

Plan to attend the sale and take home one in calf to Spring Farm King Pontiac 6th.

See notice elsewhere in this issue.

By the way if you haven't had our little booklet about Spring Farm King Pontiac 6th and some of the rest of our herd, send for it now.

Henry Stevens & Son

Brookside Stock Farm **Lacona, N. Y.**